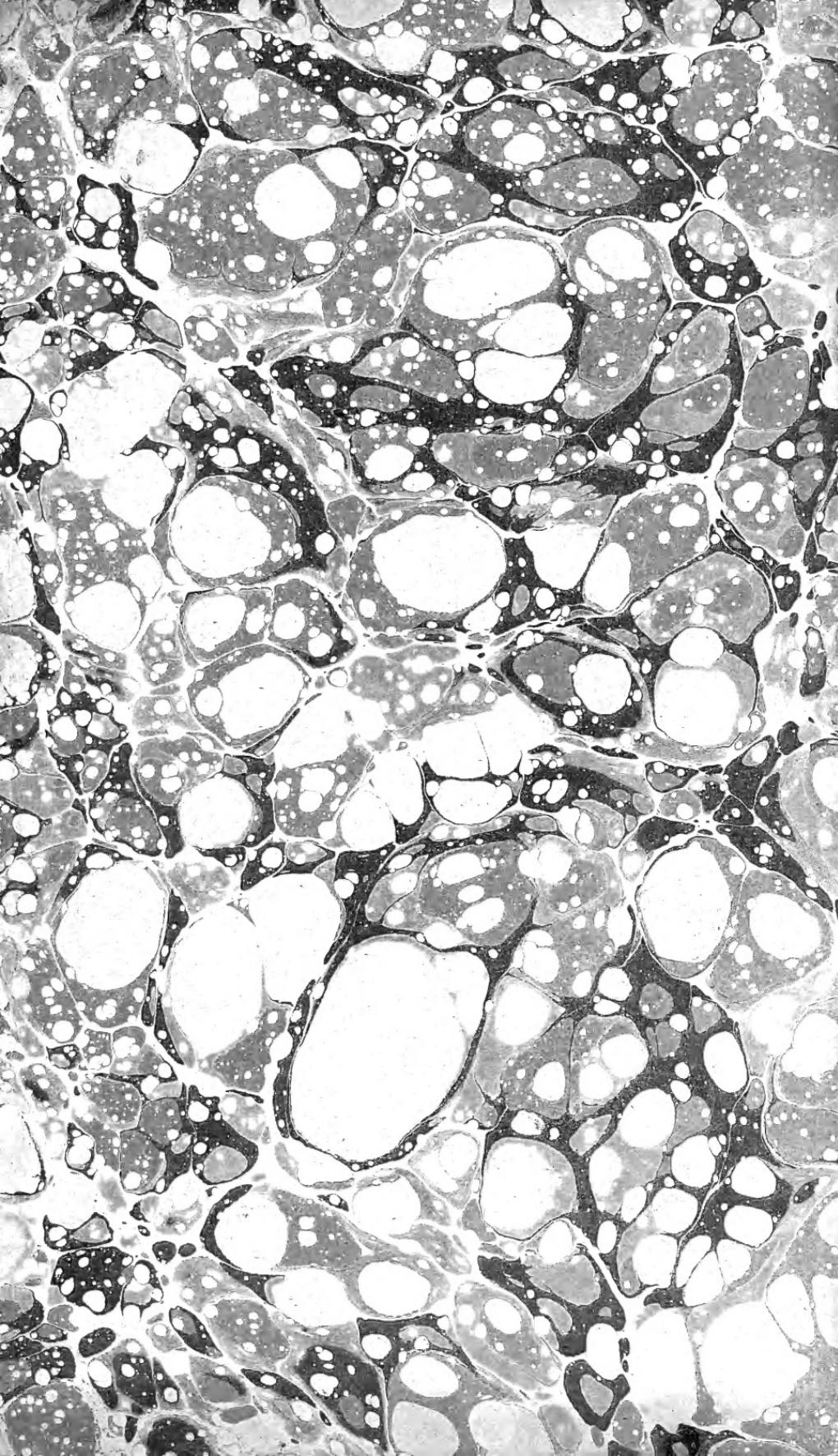


Mrs. Hewitt

9 Lexington Avenue

Presented in memory of
Mrs. Abigail S. Hewitt
by her daughters -
Mrs. James G. Green
Miss Sarah Cooper Hewitt
Miss Eleanor G. Hewitt
1923



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ARBORETUM ET FRUTICETUM BRITANNICUM;

OR,

THE TREES AND SHRUBS OF BRITAIN,

Native and Foreign, Hardy and Half-Hardy,

PICTORIALLY AND BOTANICALLY DELINEATED,
AND SCIENTIFICALLY AND POPULARLY DESCRIBED;

WITH

THEIR PROPAGATION, CULTURE, MANAGEMENT,
AND USES IN THE ARTS, IN USEFUL AND ORNAMENTAL PLANTATIONS, AND IN

LANDSCAPE-GARDENING;

PRECEDED BY A

HISTORICAL AND GEOGRAPHICAL OUTLINE
OF THE TREES AND SHRUBS OF TEMPERATE CLIMATES
THROUGHOUT THE WORLD.

By J. C. LOUDON, F.L. & H.S., &c.

AUTHOR OF THE ENCYCLOPÆDIAS OF GARDENING AND OF AGRICULTURE,
AND CONDUCTOR OF THE GARDENER'S MAGAZINE.

IN EIGHT VOLUMES:

FOUR OF LETTERPRESS, ILLUSTRATED BY ABOVE 2500 ENGRAVINGS;
AND FOUR OF OCTAVO AND QUARTO PLATES.

VOL. V.

THE PLATES FROM MAGNOLIACEÆ TO LEGUMINO'SÆ INCLUSIVE.

LONDON:

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1838.

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Maple. See <i>Acer.</i>		<i>Tulip Tree.</i> See <i>Liriodéndron.</i>	
Negúnido fraxinifòlium	I. p. 460. (41.)	<i>Virgília lútea</i> - - -	II. p. 565 (66.)
(the Box Elder)		<i>Xanthóxylum fraxíneum</i>	I. p. 488. (54.)
<i>N. f. crispum</i> - - -	I. p. 460. (42.)	(the Toothache Tree)	

Magnolia grandiflora.
The large-flowered evergreen Magnolia.

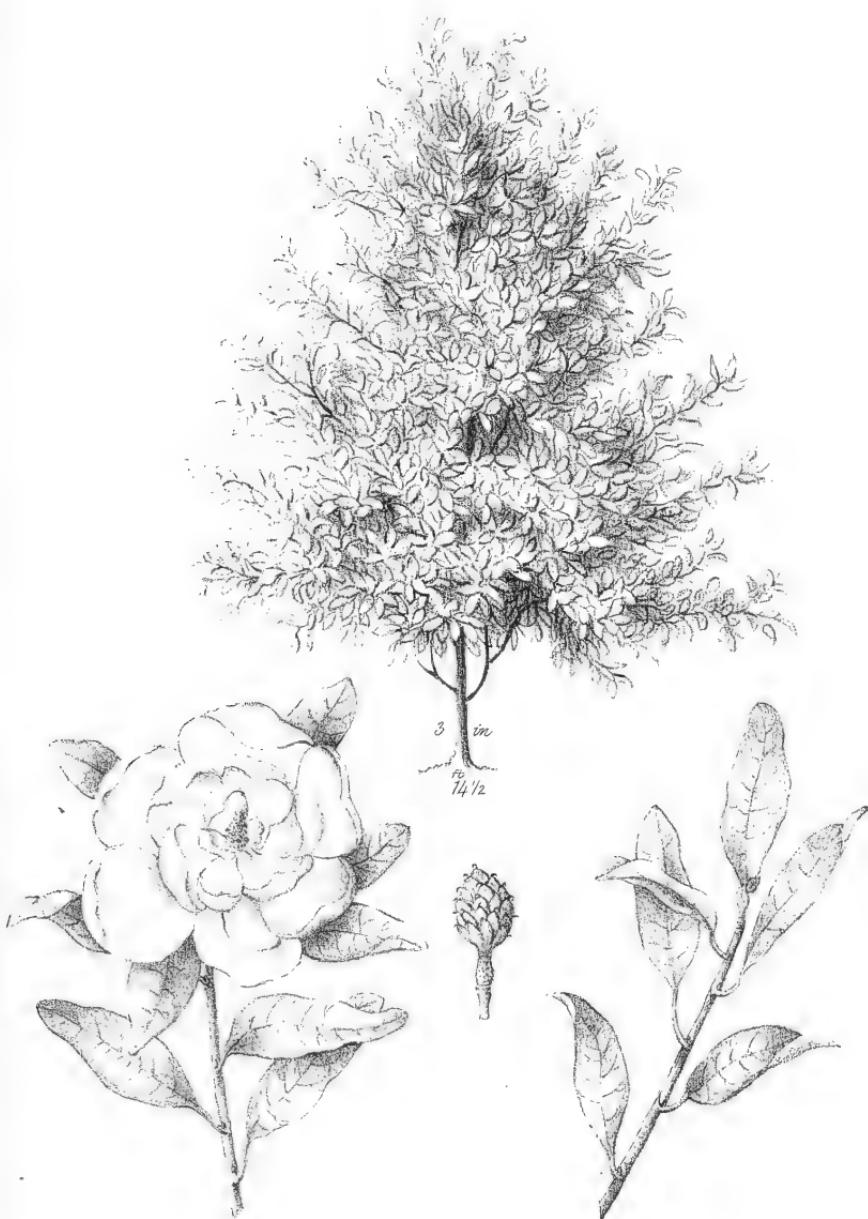
1



I.B

2

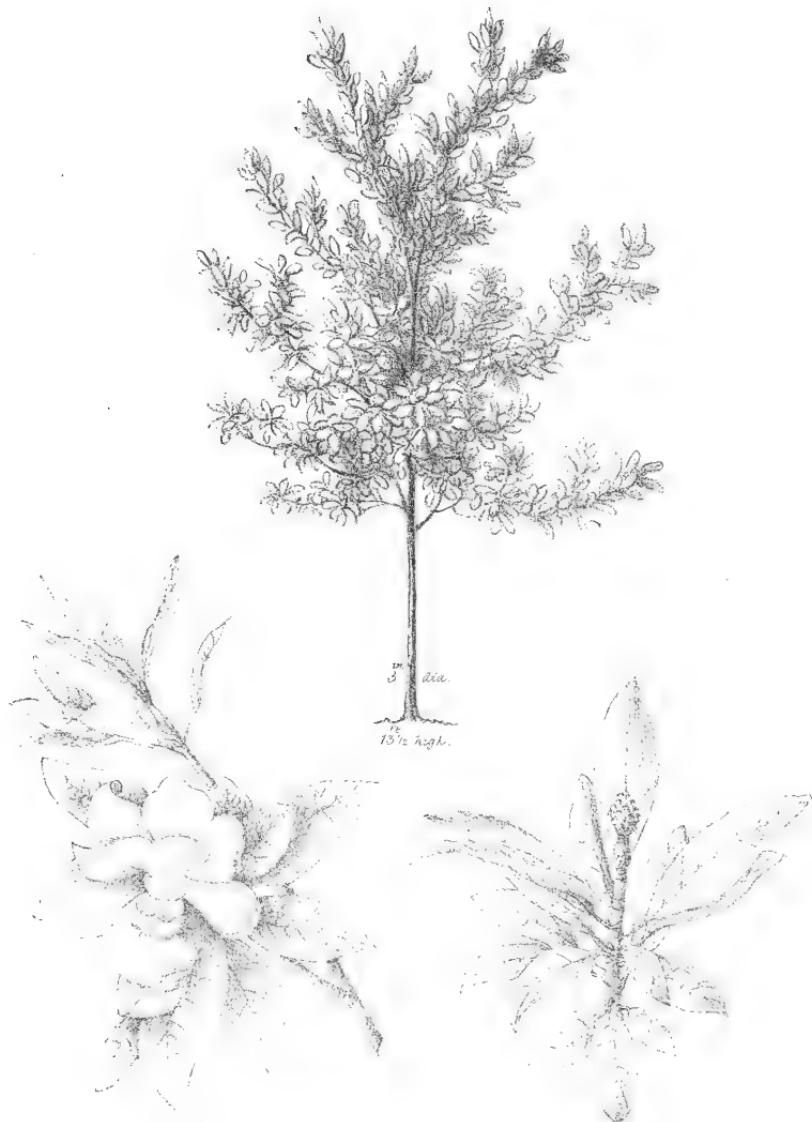
Magnolia grandiflora ferruginea.
The large-flowered evergreen rusty-leaved Magnolia.



Magnolia grandiflora exoniensis.

5

The large-flowered evergreen Exeter Magnolia.



The glaucous-leaved deciduous Magnolia.



13 high.



I.E

5

Magnolia glauca Thompsoniana.
Thompson's glaucous-leaved deciduous Magnolia.



Magnolia tripétala.

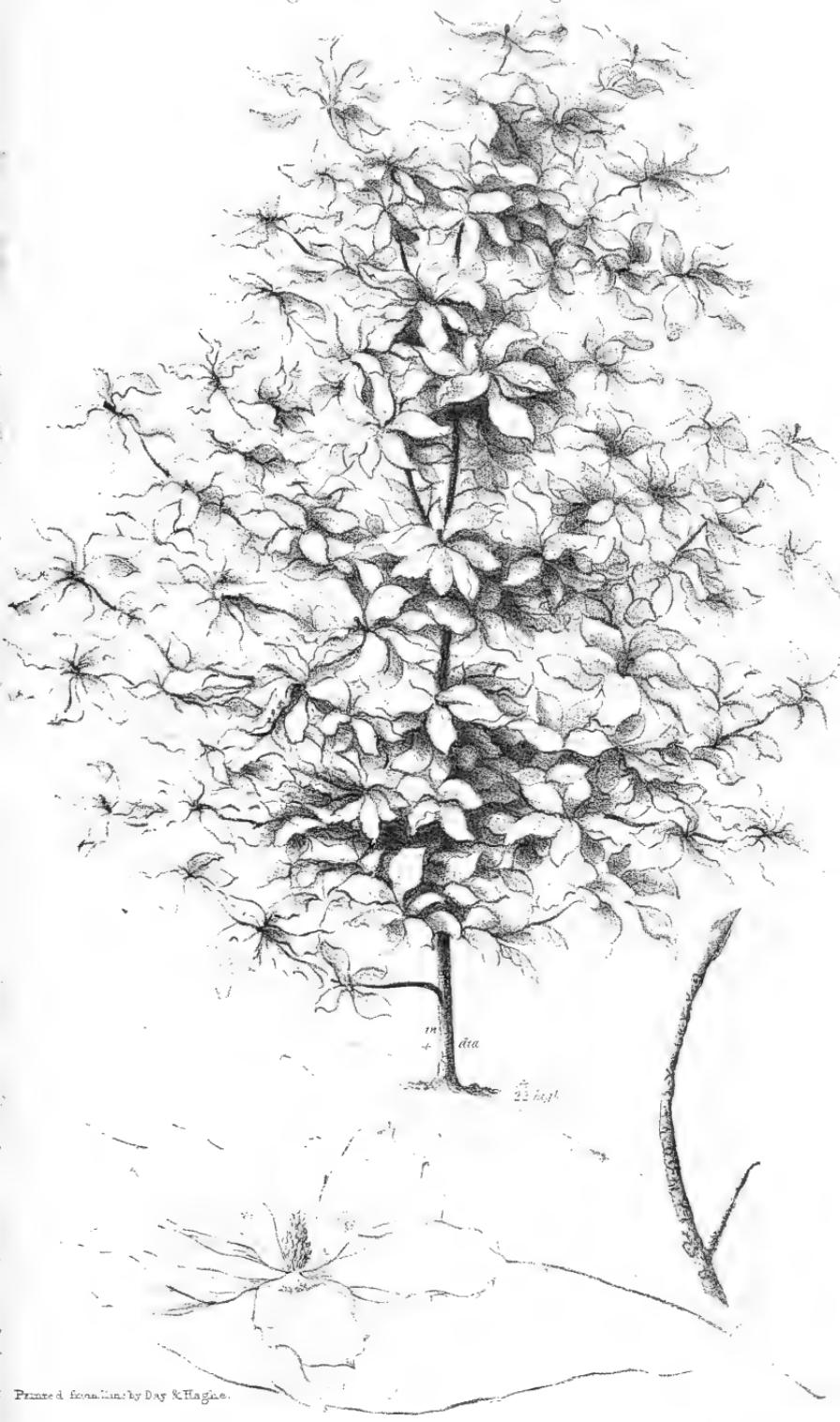
The three-petaled-flowered deciduous Magnolia.



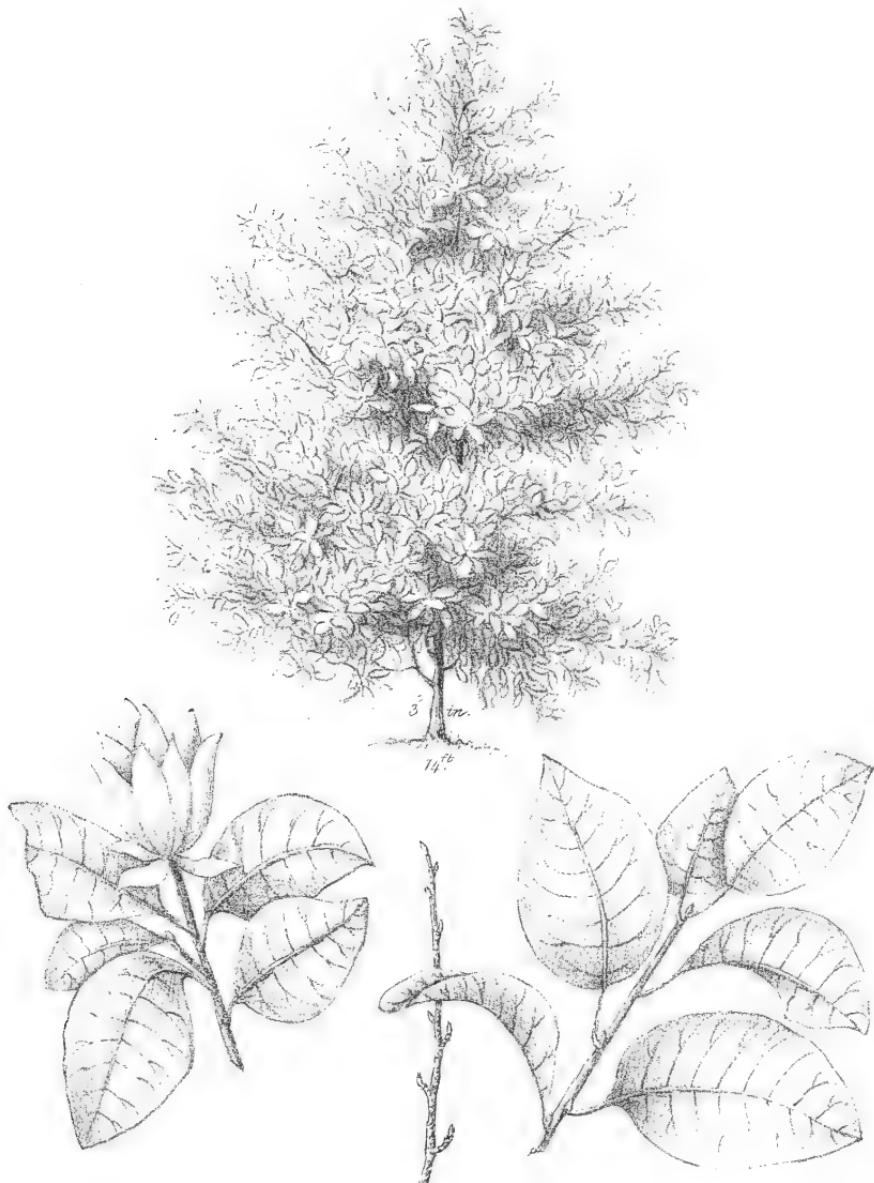
L.G.

Magnolia macrophylla.
The large-leaved deciduous Magnolia.

7

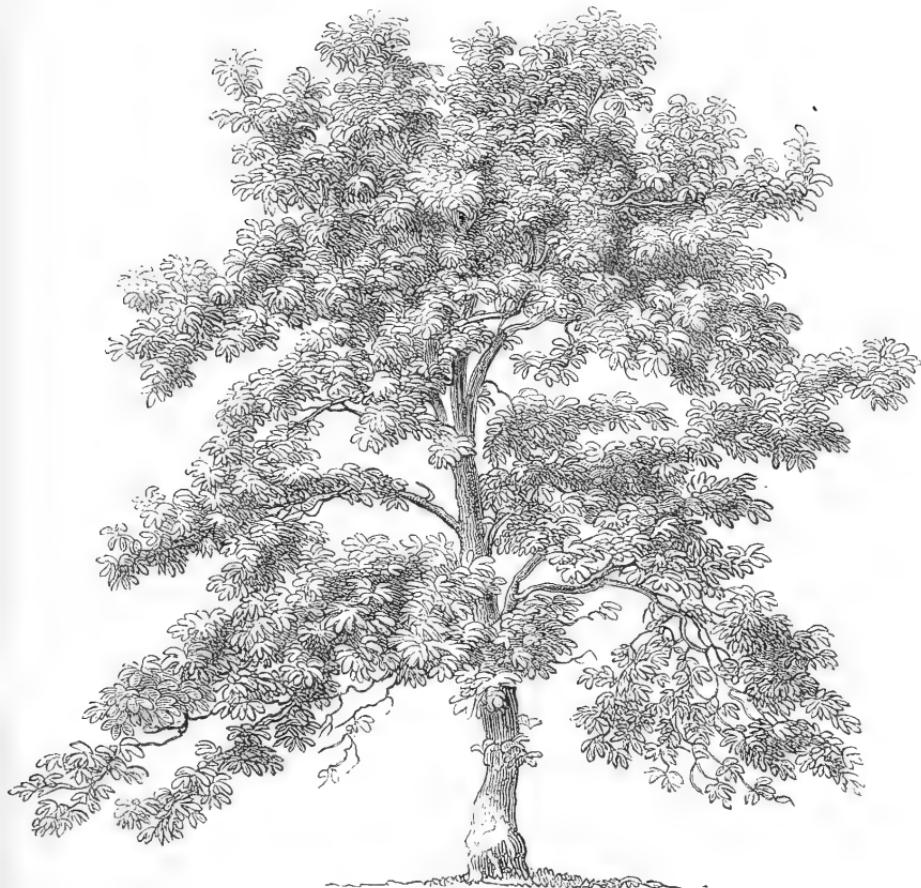


Magnolia acuminata.
The pointed-leaved deciduous Magnolia.



Magnolia acuminata.

The pointed-leaved Magnolia.



Full-grown tree at Syou; 49 ft. high; diam. of the trunk, 3 ft.; and of the head, 48 ft.
[Scale 1 in. to 12 ft.]

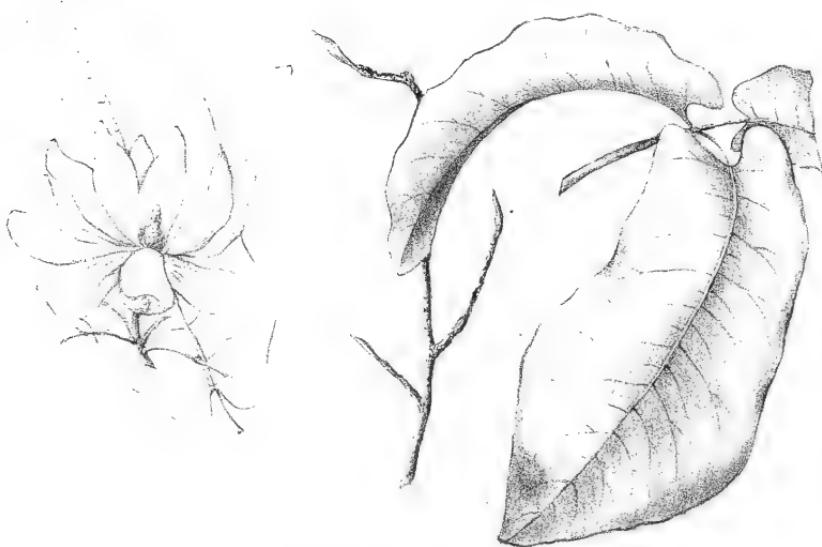
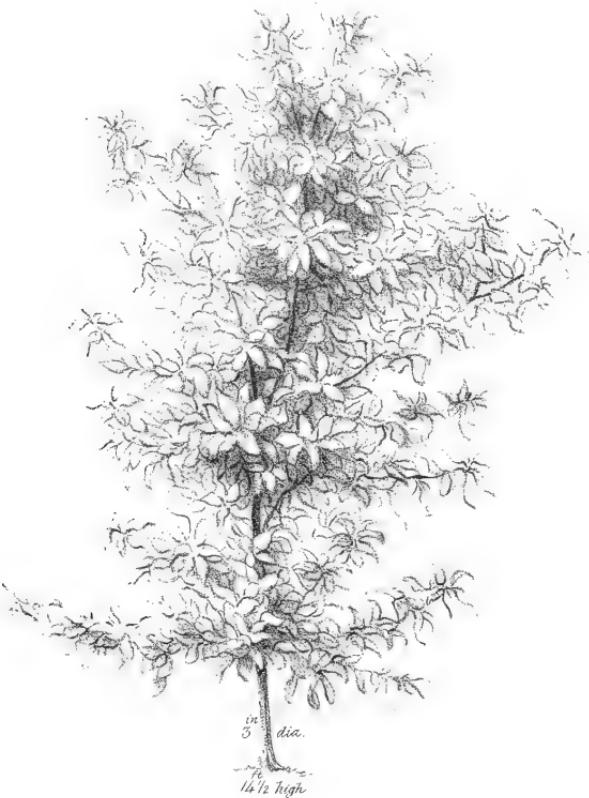


Magnolia cordata.
The heart-shaped-leaved deciduous Magnolia.

11



Magnolia auriculata.
The ear-leaved deciduous Magnolia.



Printed from Zinc by Day & Haghe

L.I.

Magnolia pyramidata.

The pyramidal deciduous Magnolia.

9

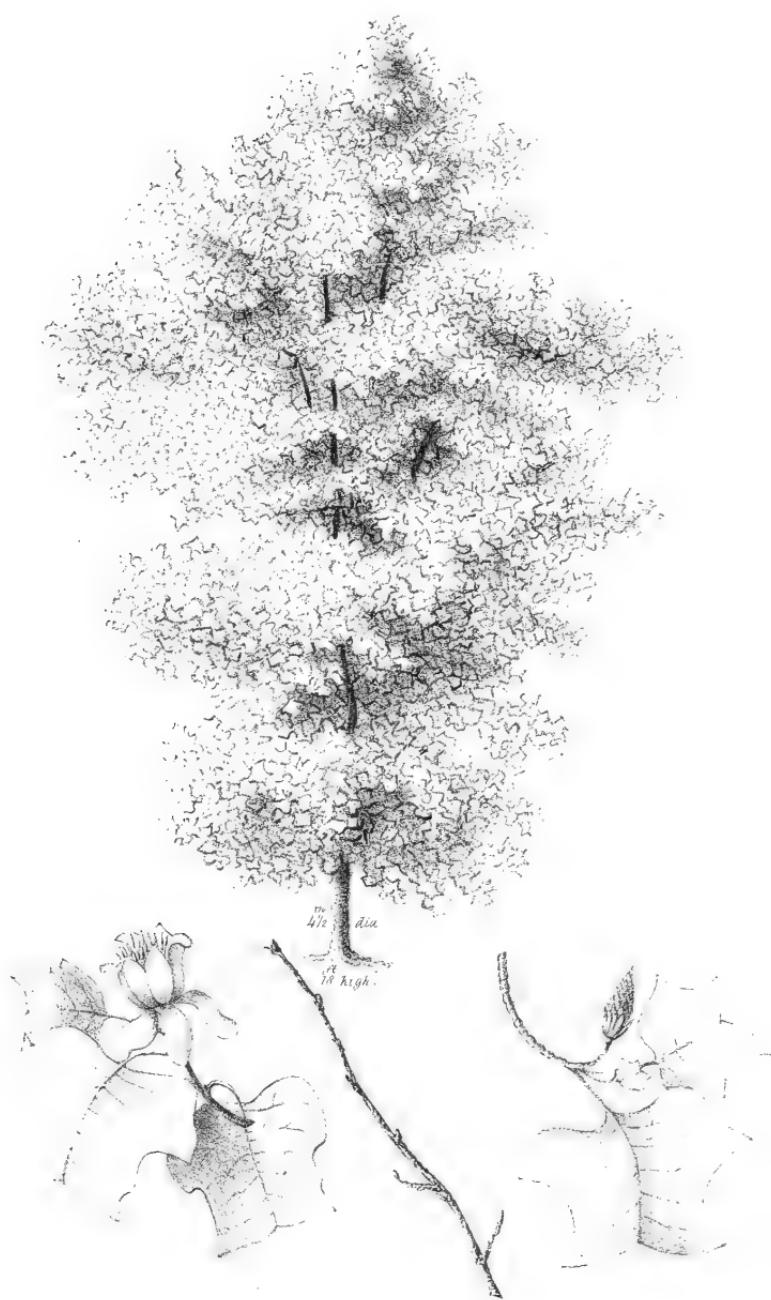


Magnolia conspicua.
The conspicuous-flowered deciduous Magnolia.



II.A.
Liriodendron Tulipifera.
The Tulip tree.

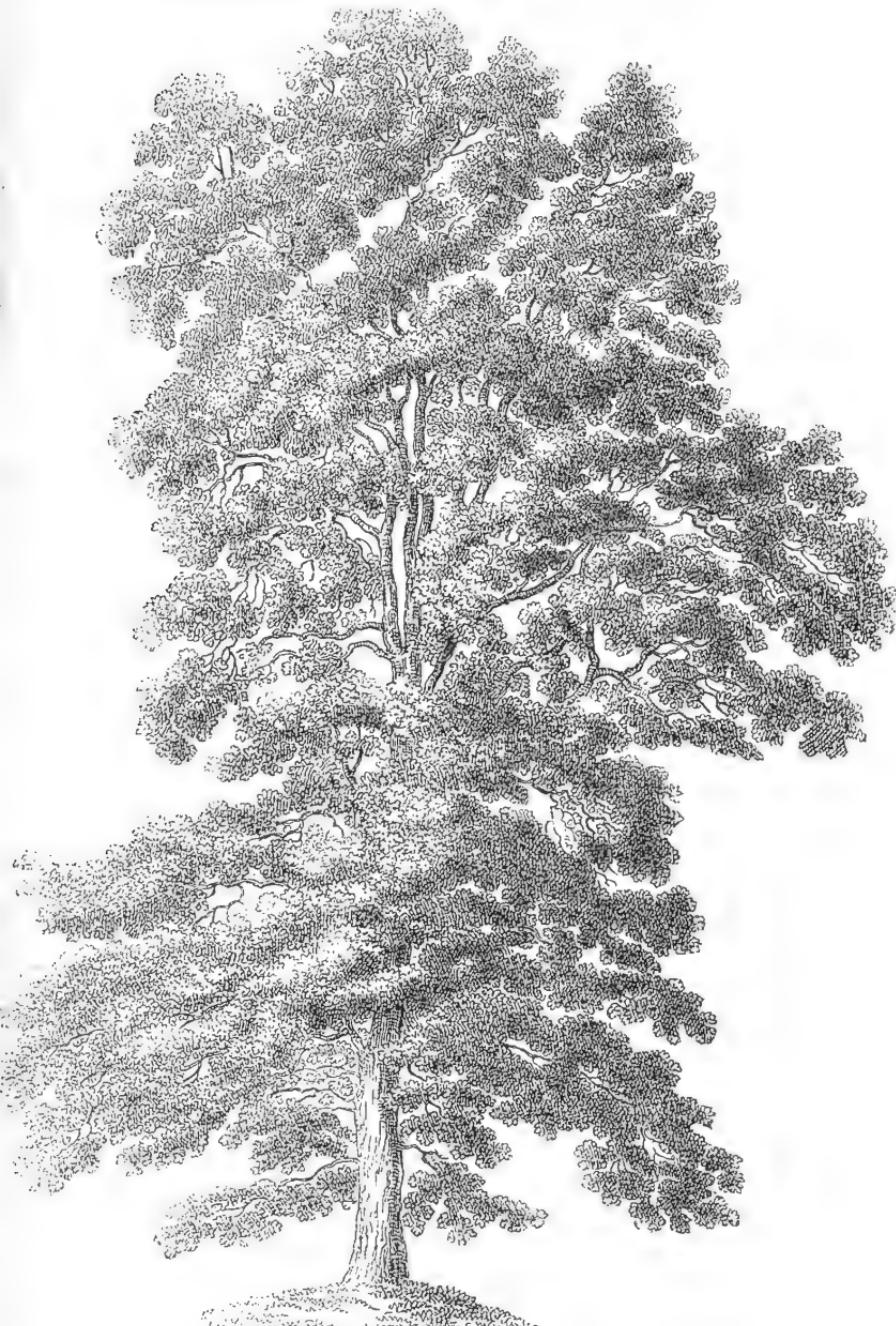
15



Printed from Tully Day & Higbee.

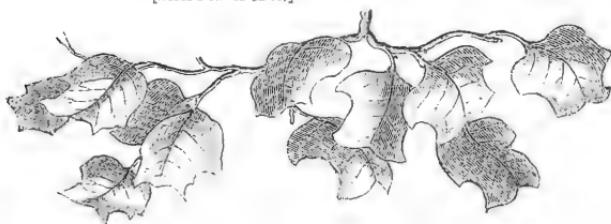
Liriodendron Tulipifera.

The tulip-bearing Liriodendron, or the Tulip tree.

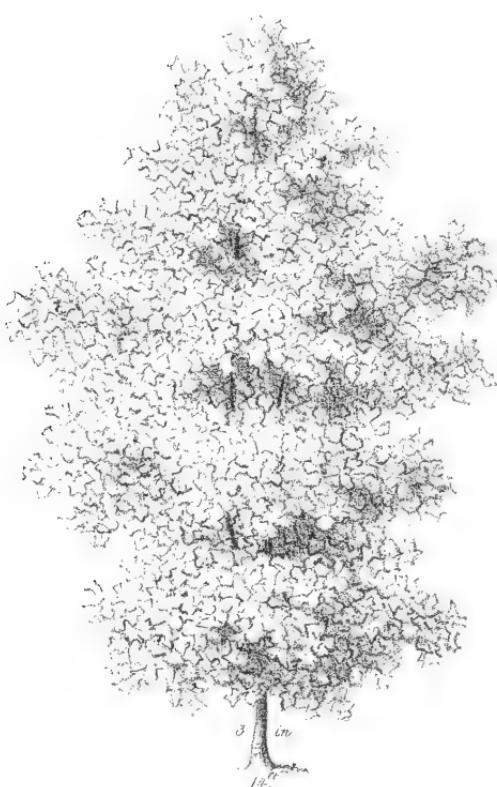


Full-grown tree at Syon, 76 ft. high.

[Scale 1 in. to 12 ft.]

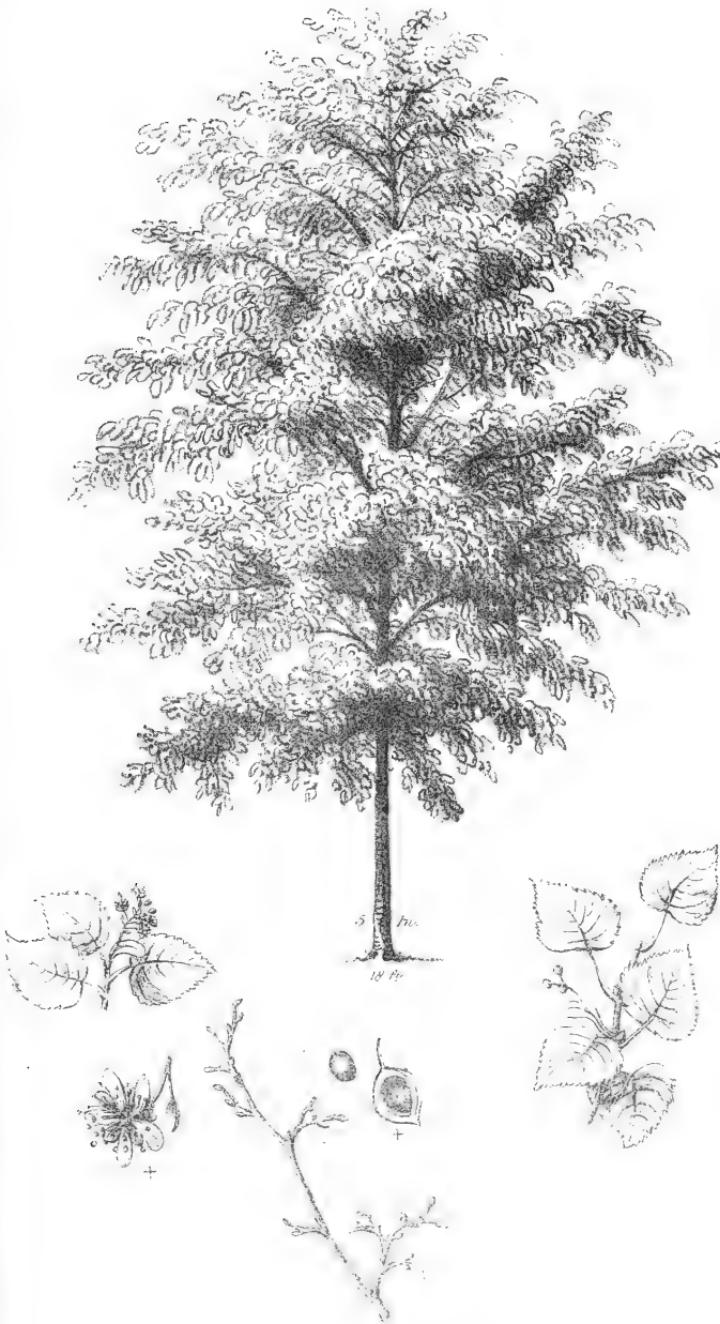


Liriodendron Tulipifera obtusiloba.
The obtuse-lobed-leaved Tulip tree.



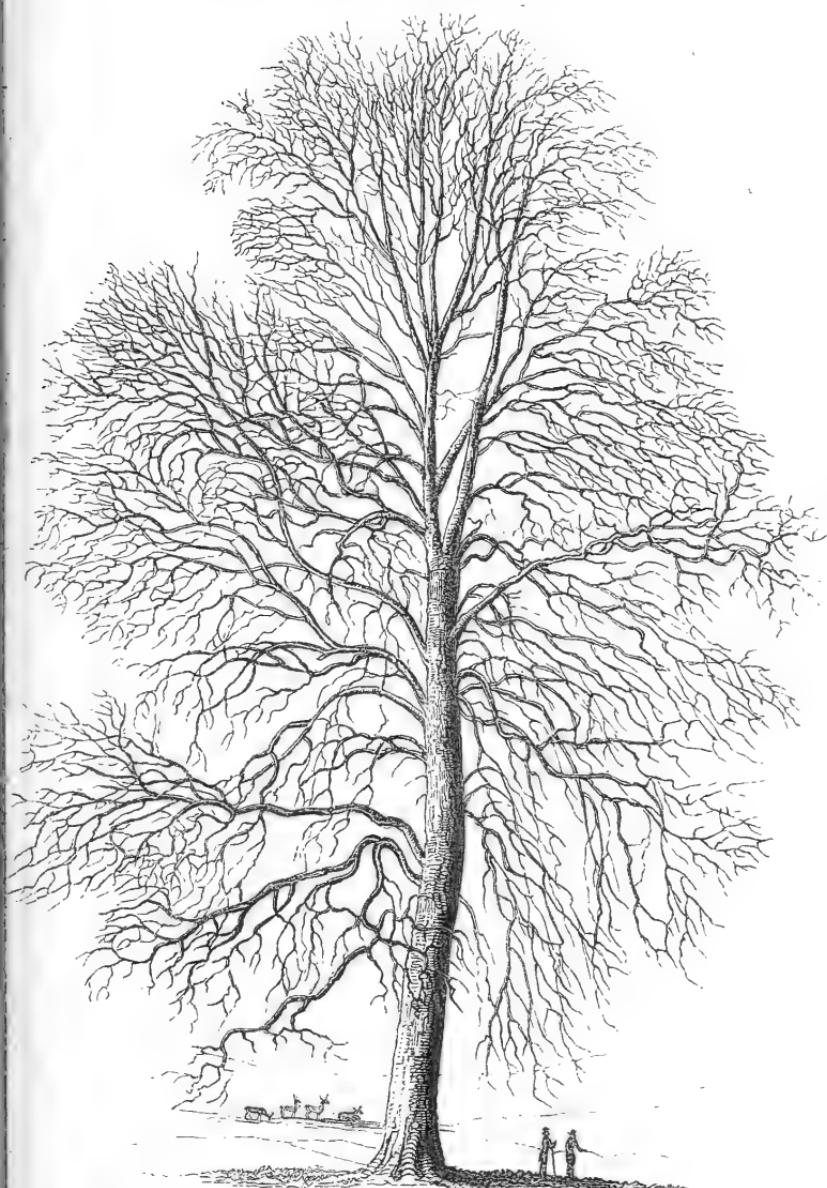
III.A.
Tilia europaea.

The European, or common, Lime Tree.



Tilia europaea.

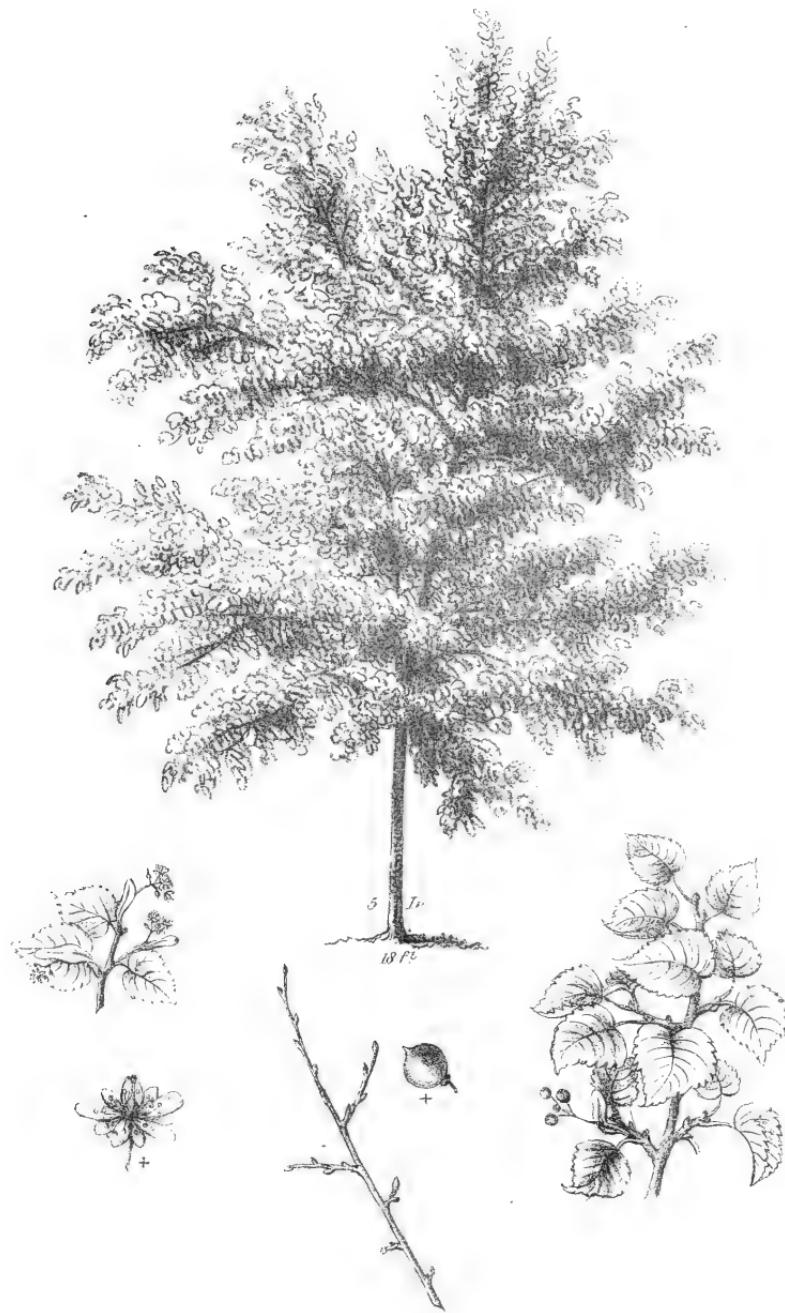
The European, or common, Lime tree.



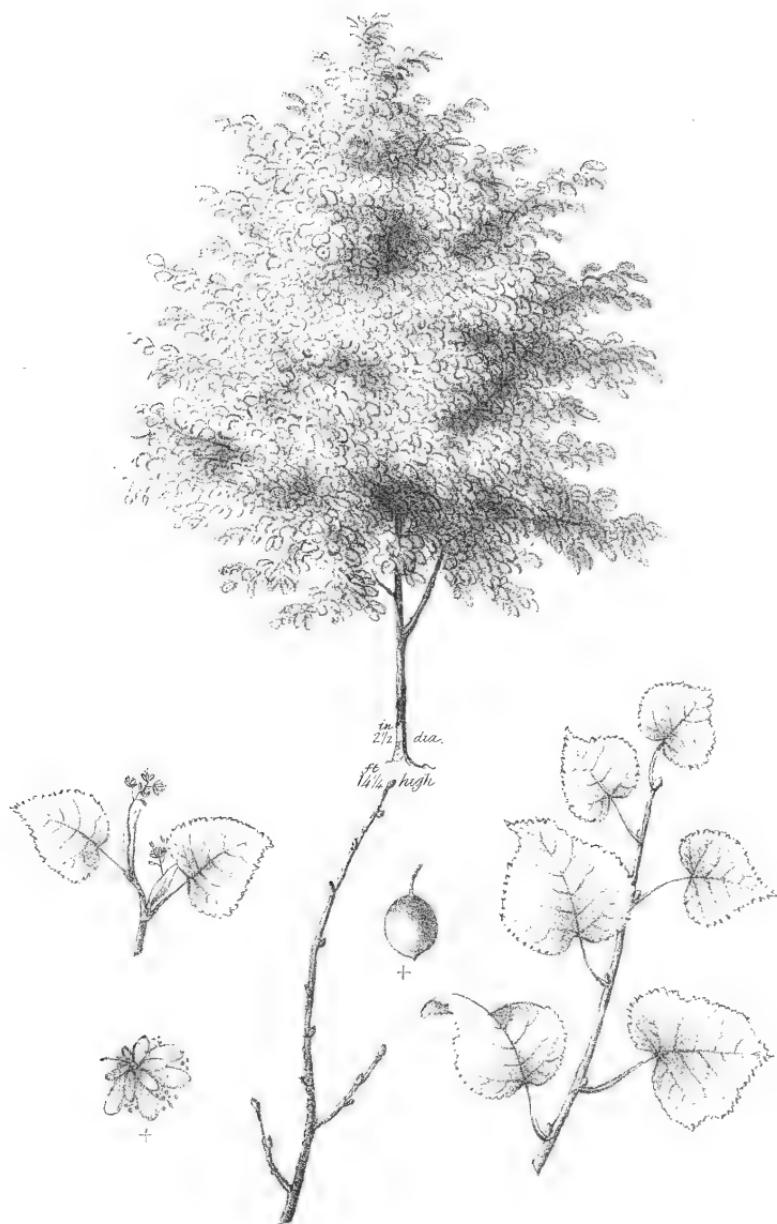
Full-grown tree at Studley Park, 125 ft. high; diam. of the trunk, 6 ft.; and of the head, 75 ft.
[Scale 1 in. to 24 ft.]



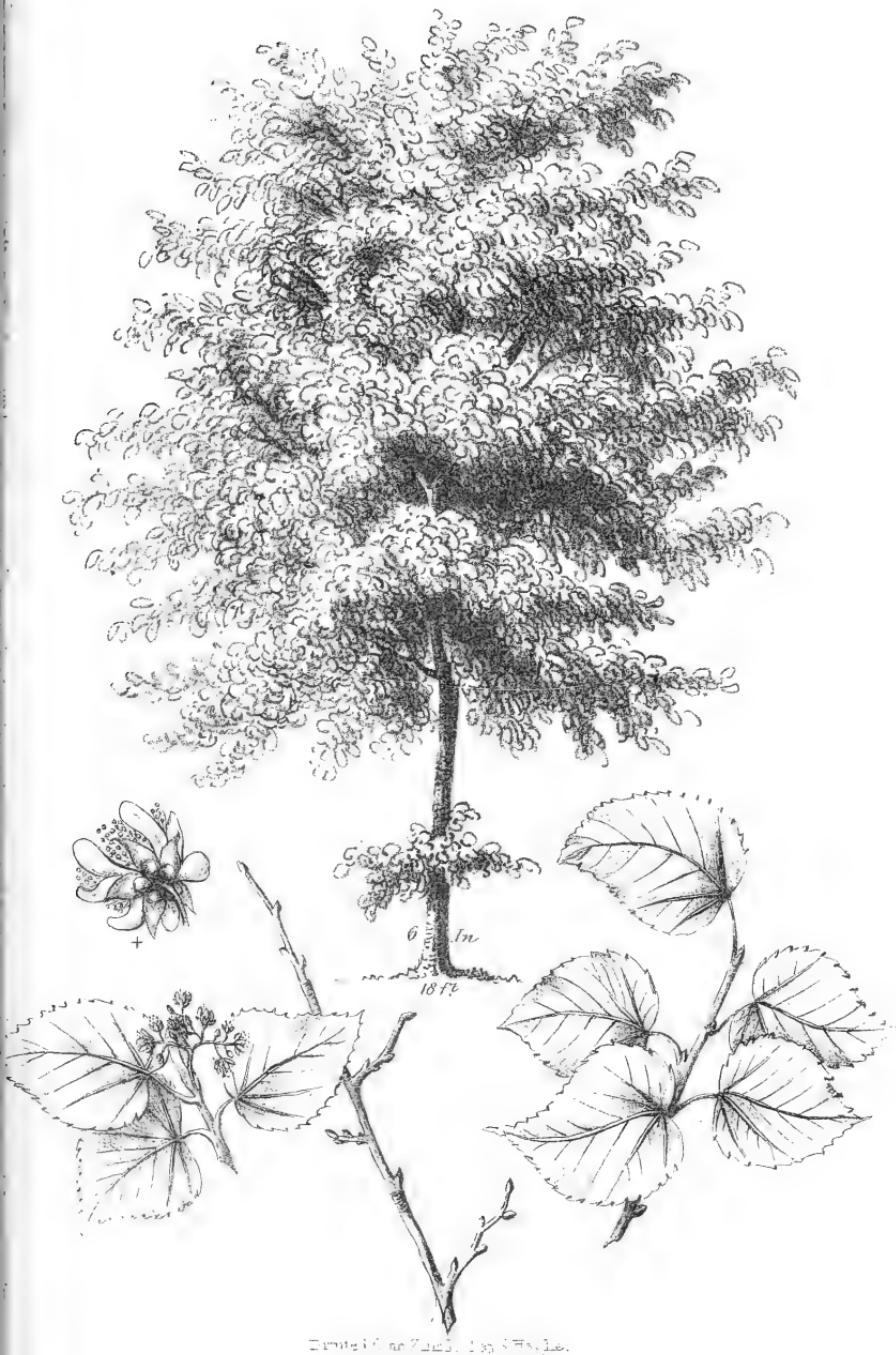
Tilia europaea glauca.
The glaucous-leaved common Lime tree.



ILL. C.
Tilia rubra.
The red-twigg'd Lime tree.

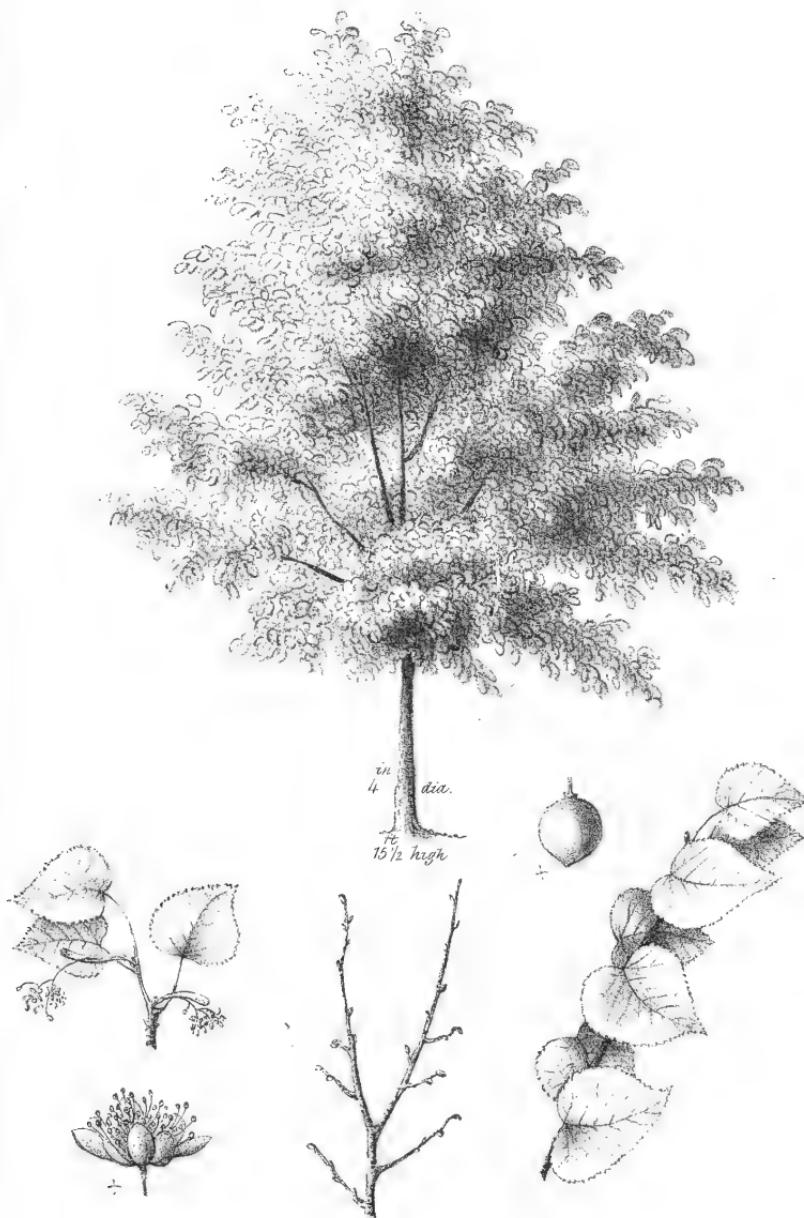


Tilia platyphylloides.
The broad-leaved Lime tree.



Drawn by J. C. Ellacombe.

Tilia platyphyllo minor.
The smaller broad-leaved Lime-tree.



Tilia europaea platyphylla minor.

The smaller broad-leaved European Lime tree.



15 ft. high, 4 in. diam.



Tilia platyphyllo laciniata.
The laciniated broad-leaved Lime tree.

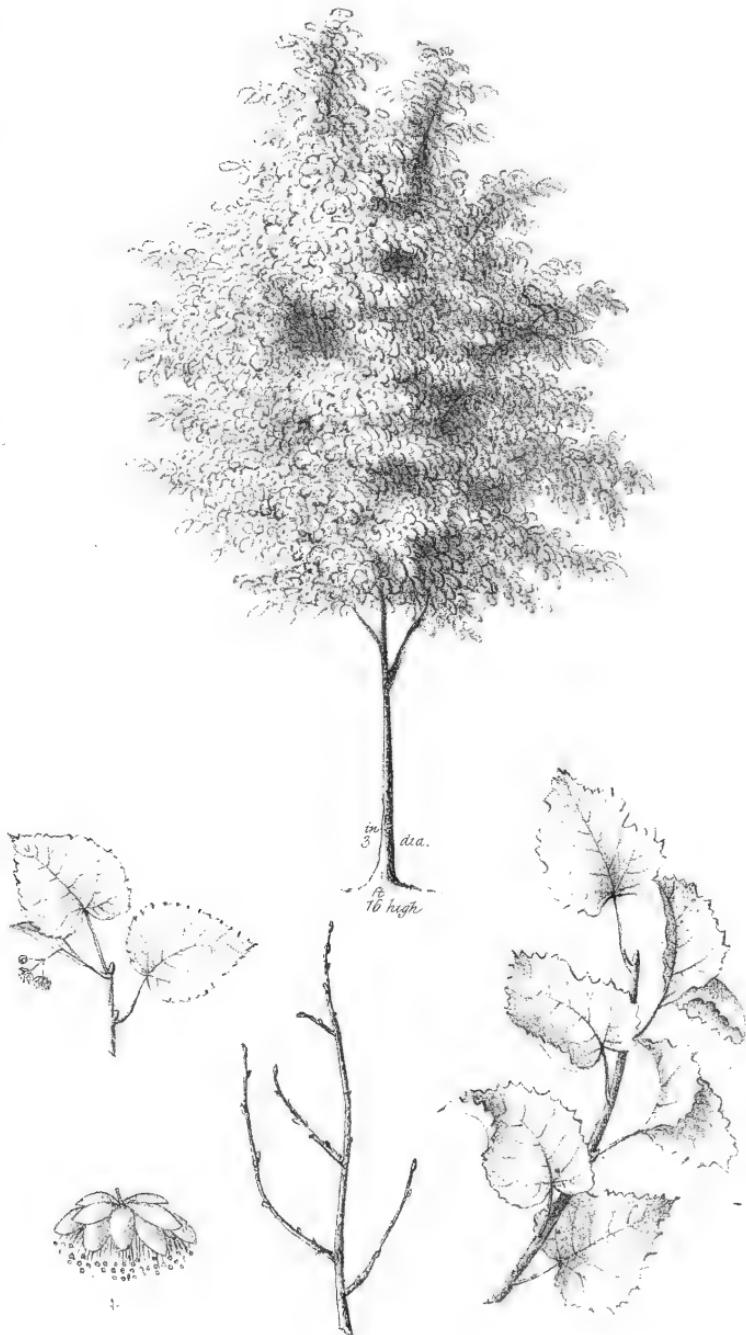


Tilia parvifolia aurea.

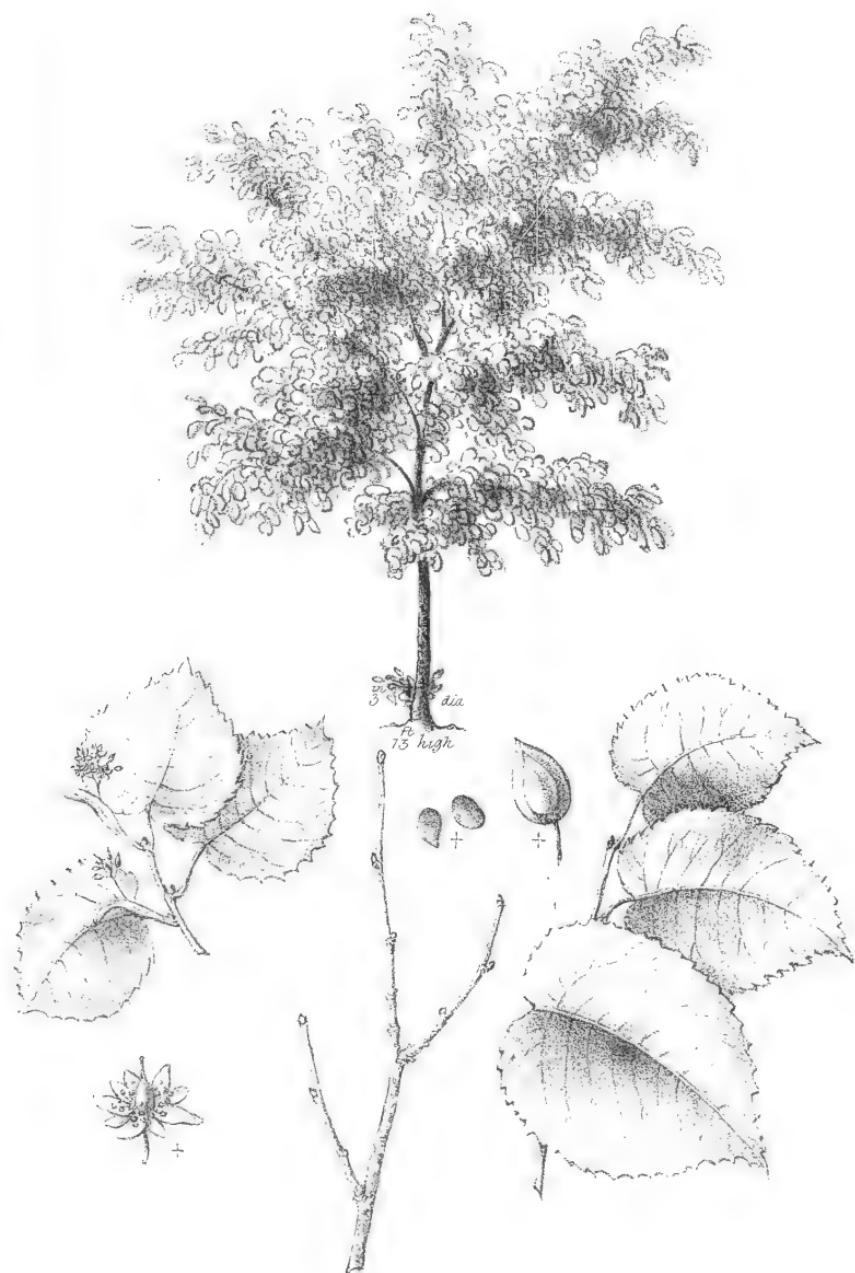
The small-leaved golden-twisted Lime tree.



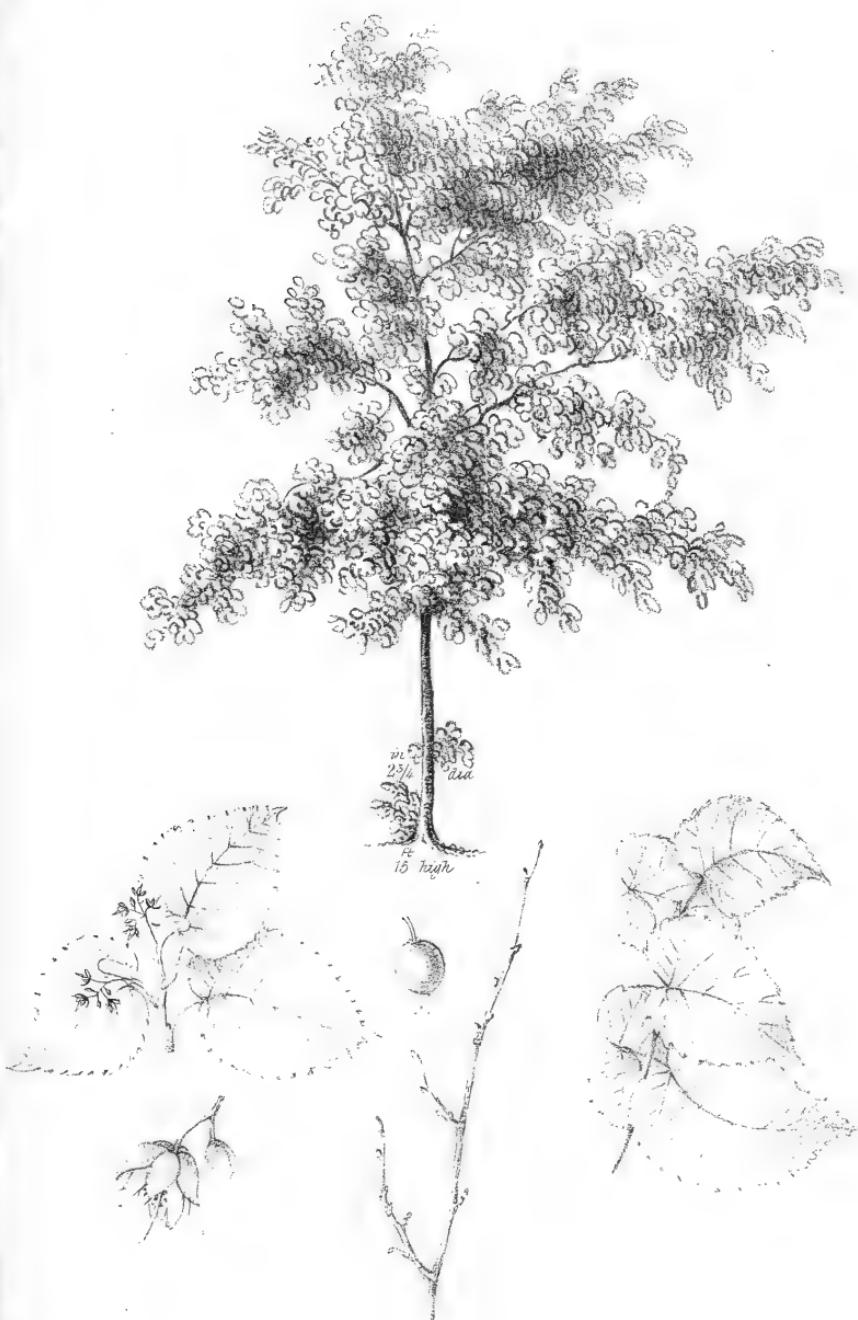
Titia argentea.
The silvery-leaved Lime tree.

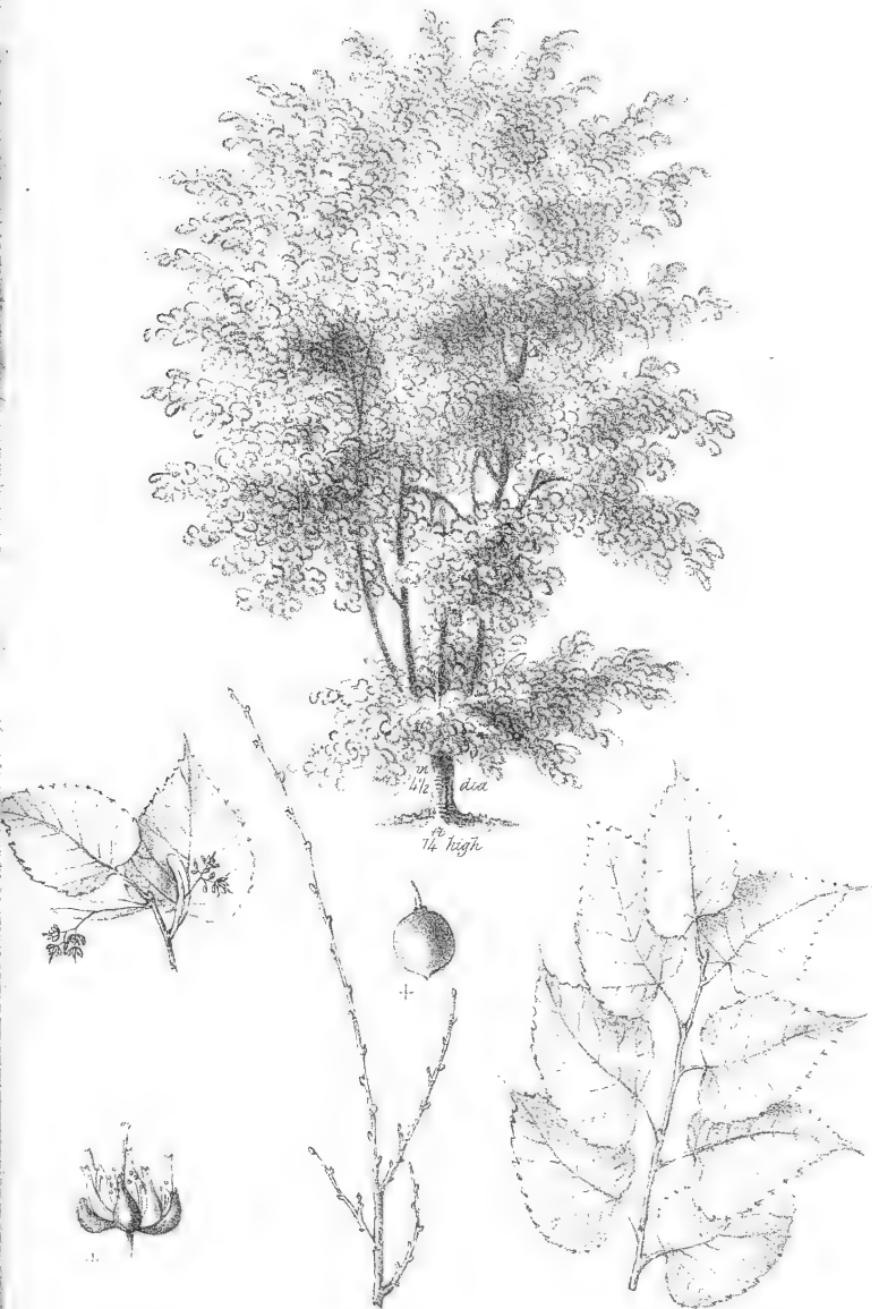


III.K.
Tilia álba.
The white-leaved Lime tree.

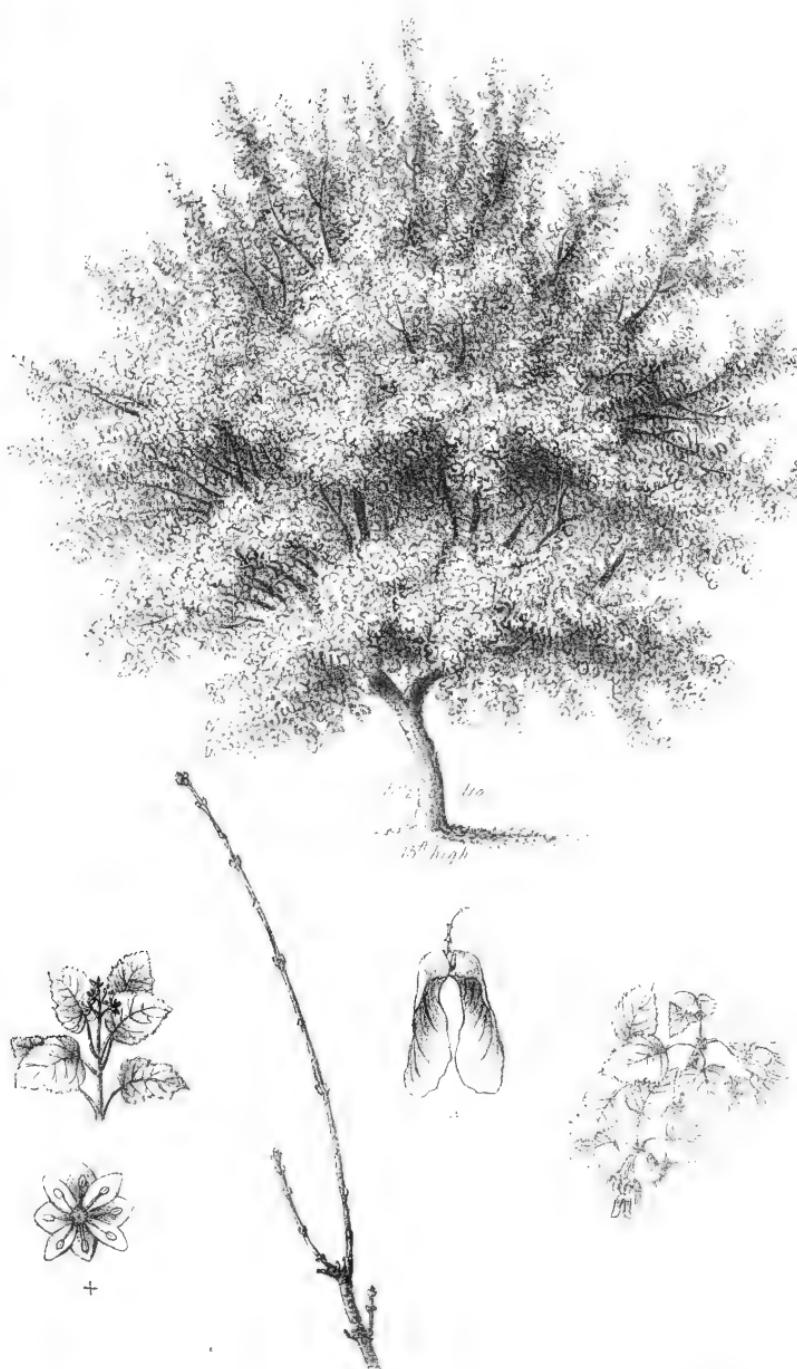


Tilia laxiflora.
The Loose-flowered Lime tree

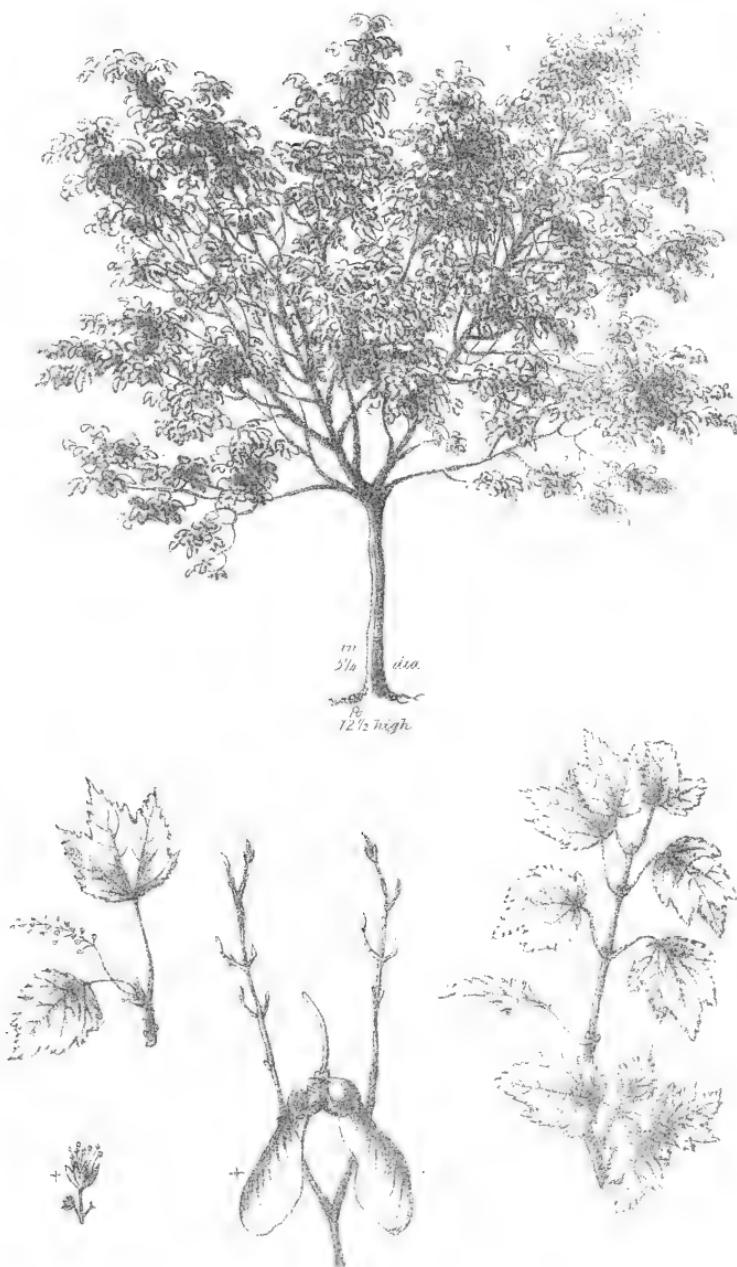




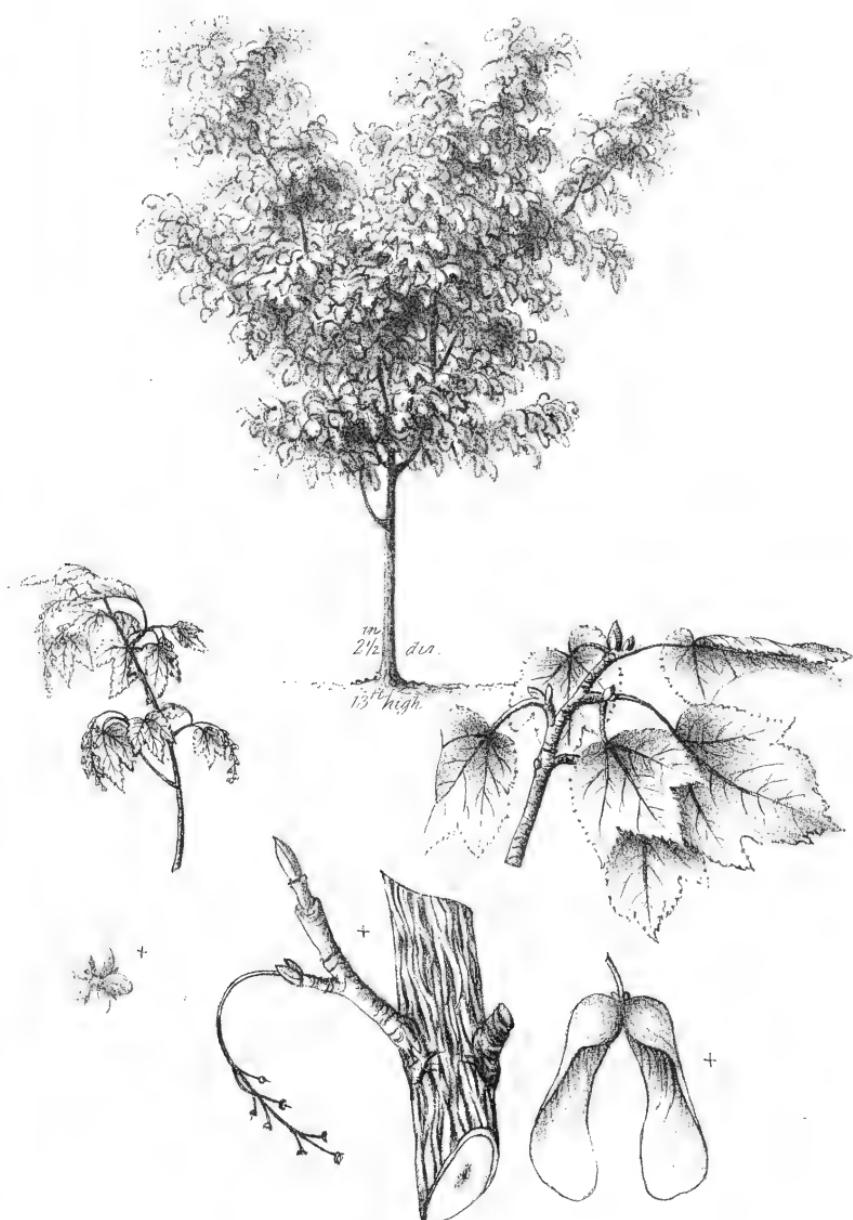
Printed and Pub. by J. H. Engle.

Acer tataricum.
The Tartarian Maple

Acer spicatum.
The spike-flowered Maple.

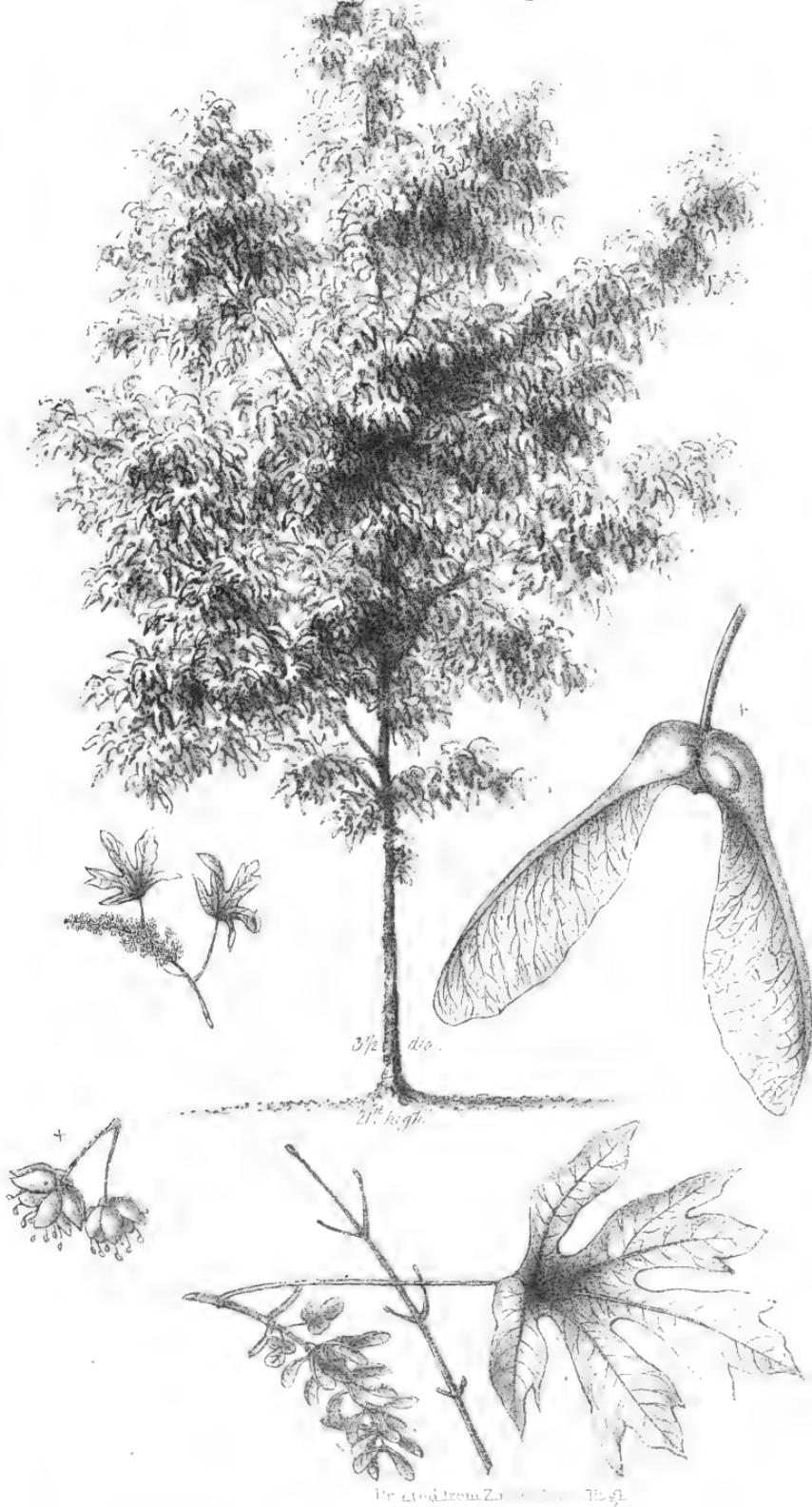


Acer striatum.
The striped-barked Maple.



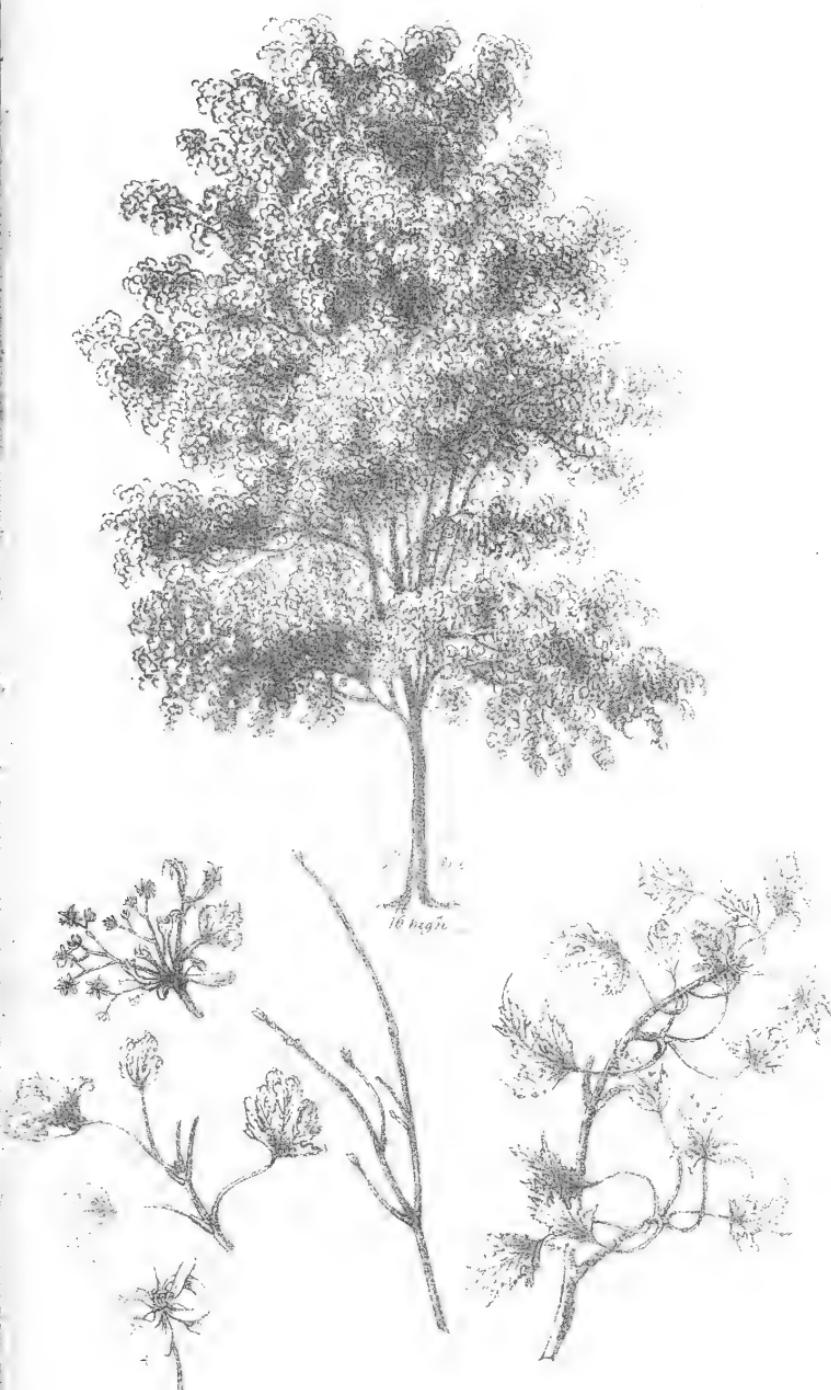
Acer macrophyllum.

The large-leaved Maple.



Acer platanoides.
The Platanus-like Maple.

Acer platanoides laciniatum.
The cut-leaved Platanus-like Maple.

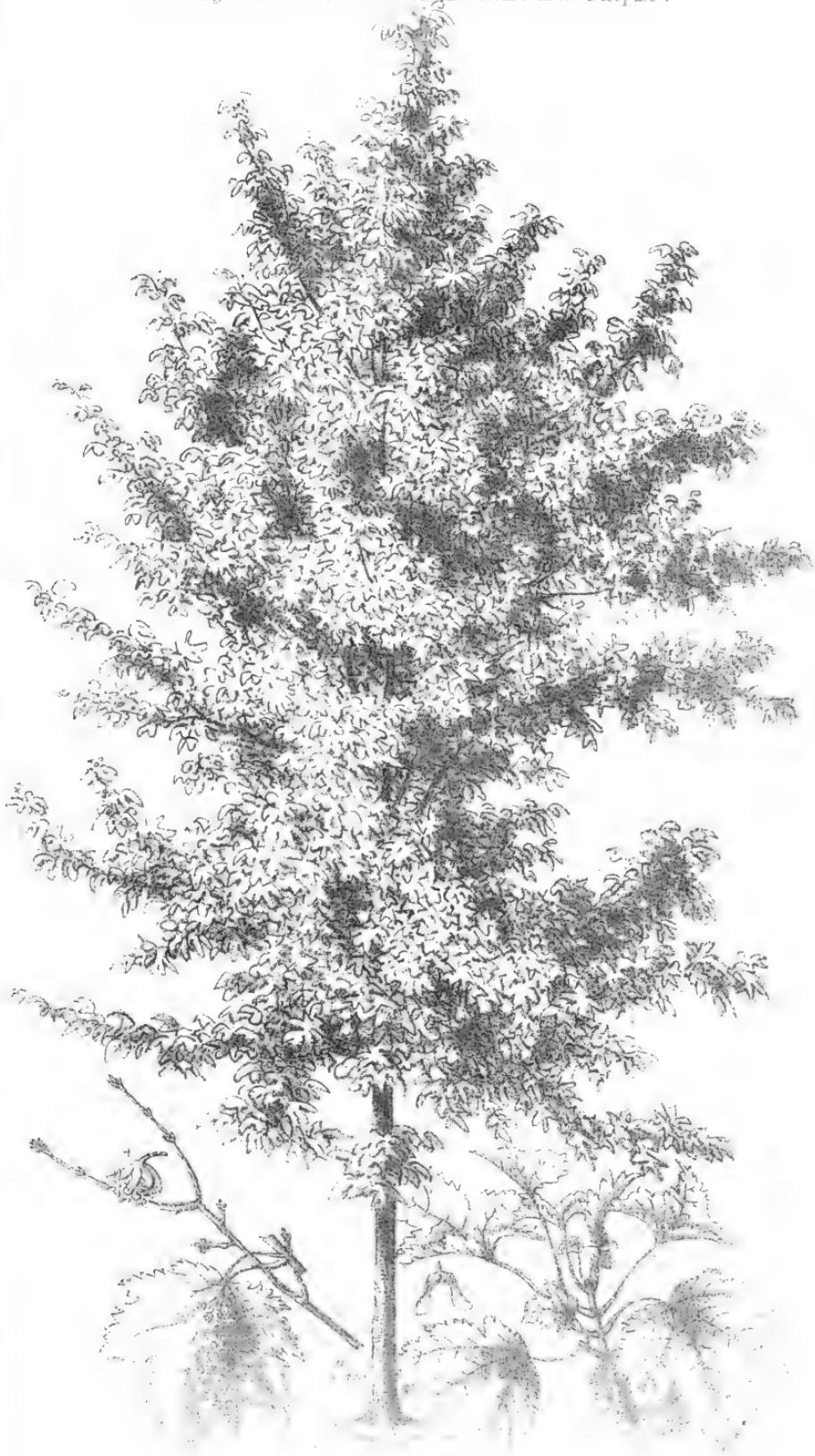


IV.M
Acer saccharinum.
The sugar Maple.

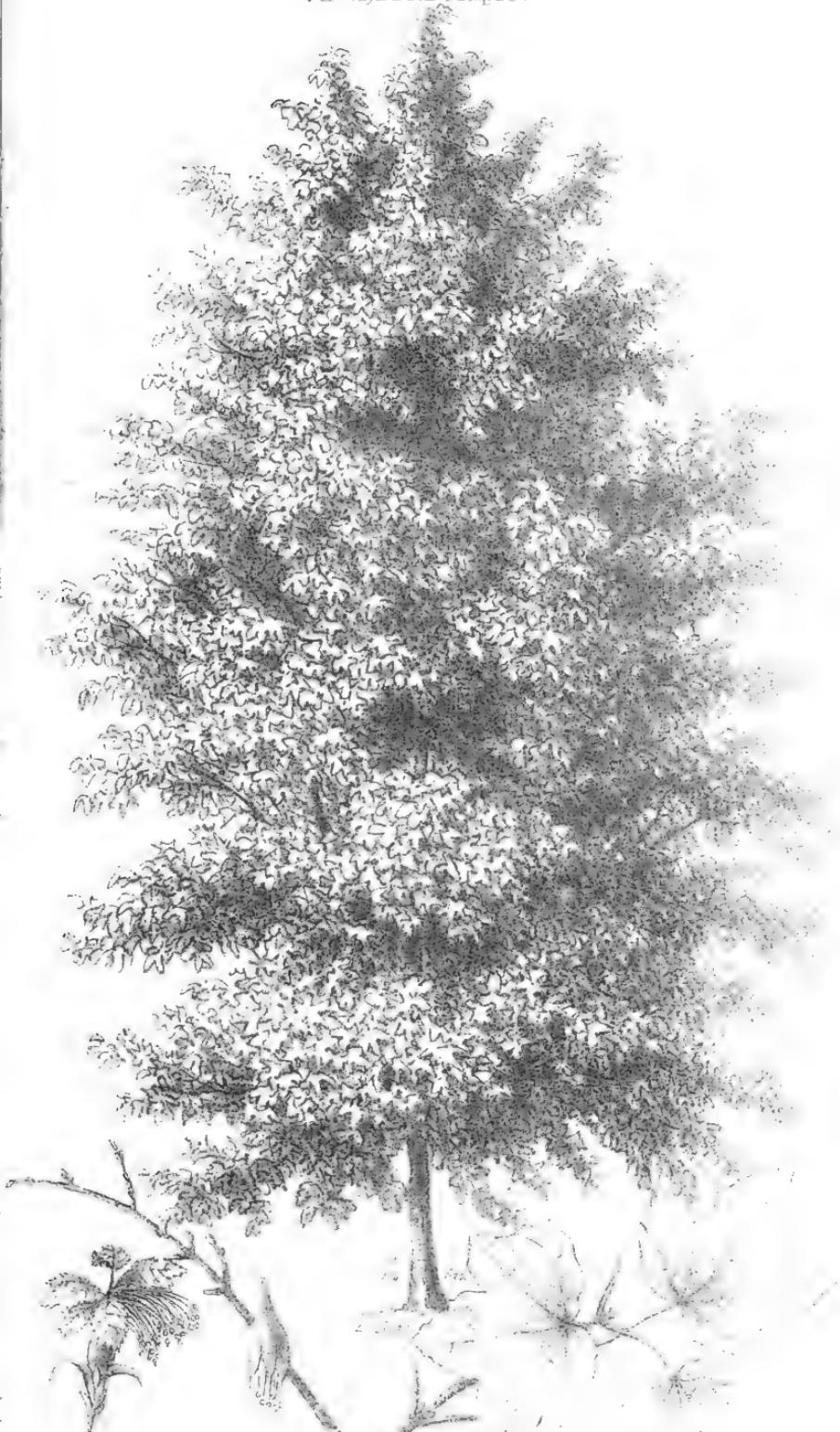
57



IV H.
Acer Pseudo-Platanus.
The Sycamore, or Bastard Plane tree Maple.



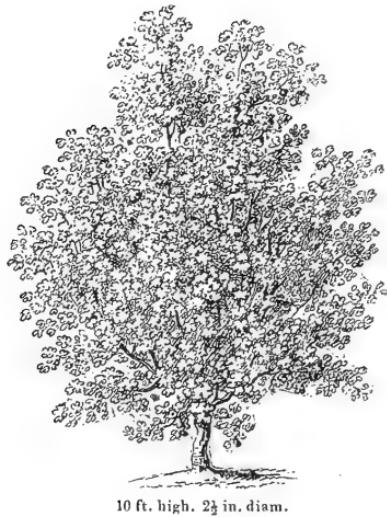
Acer hybridum.
The hybrid Maple.



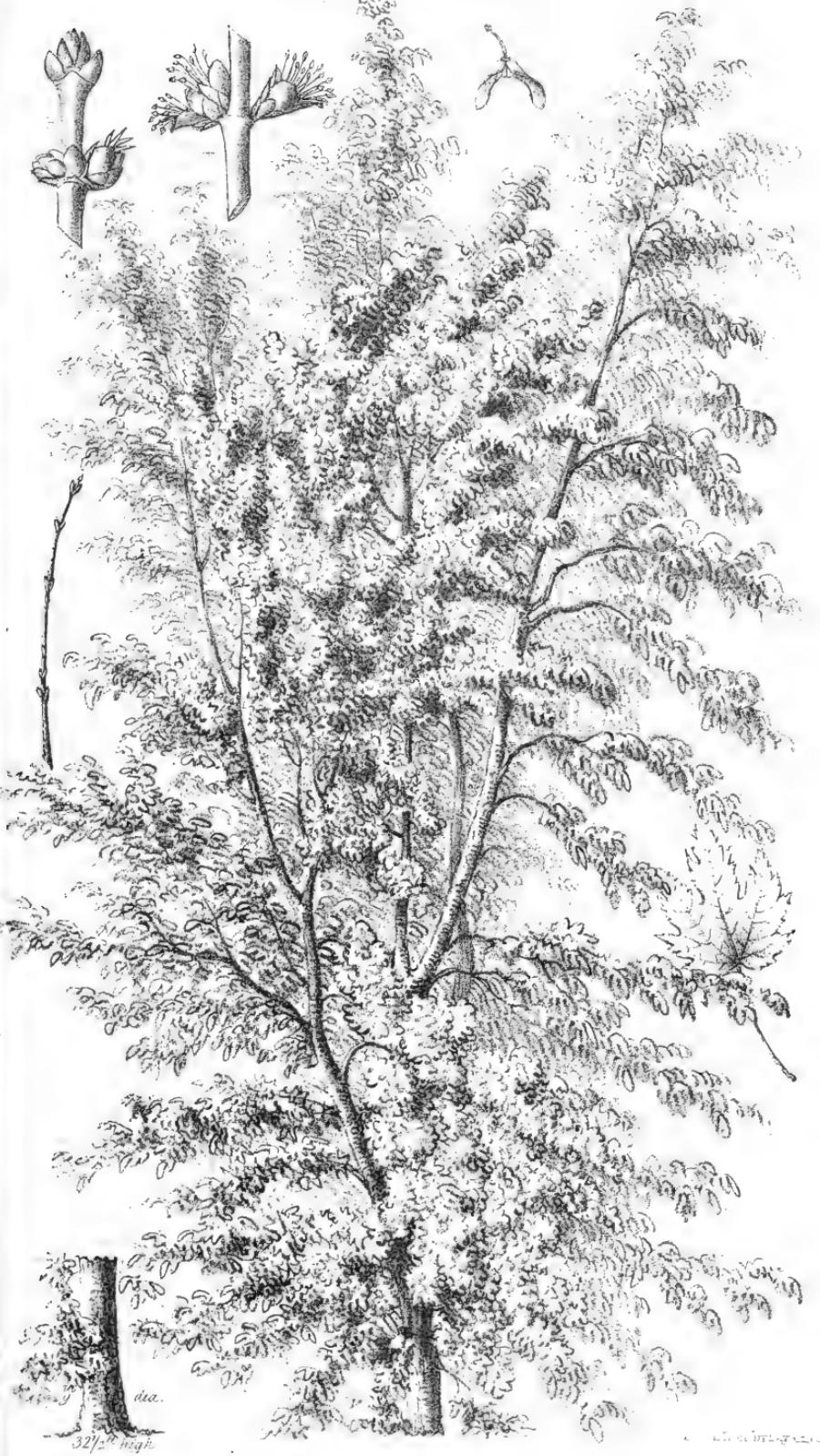
Acer opulifolium.
The Guelder-Rose-leaved Maple.



Acer Ópulus.
The Guelder-rose-like Maple.

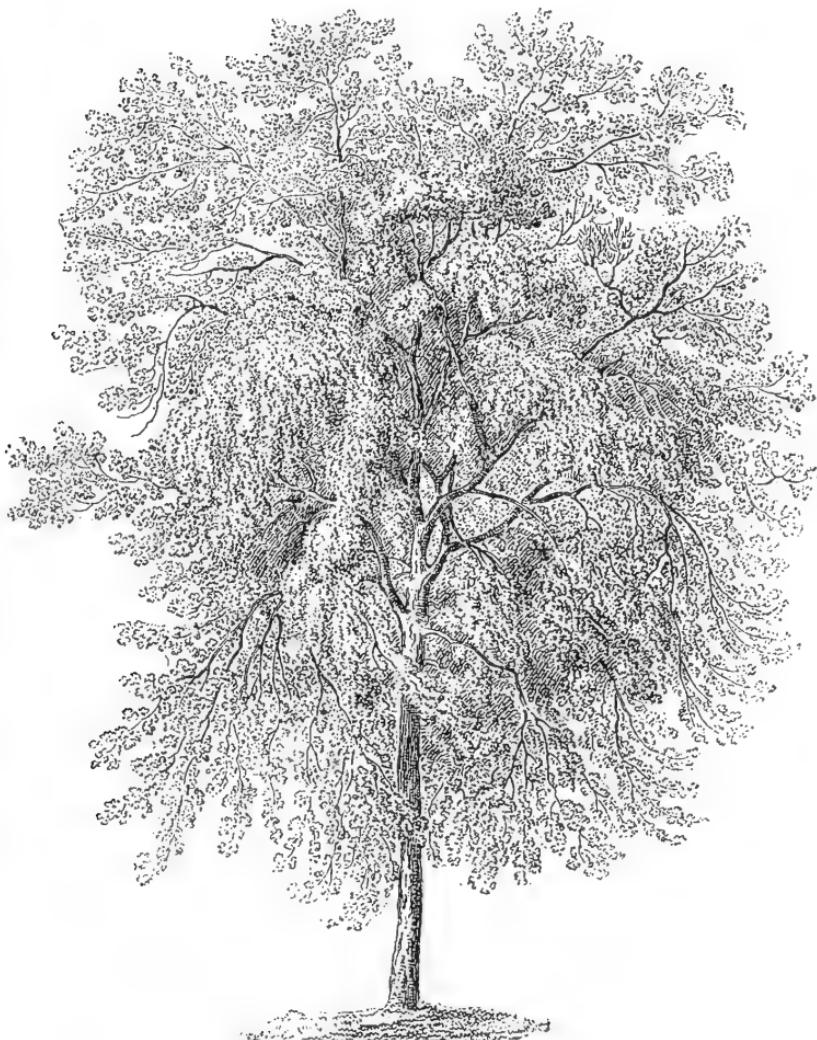


IV P
Acer eriocarpum.
The woolly-fruited Maple.



Acer eriocárpon.

The woolly-fruited Maple.

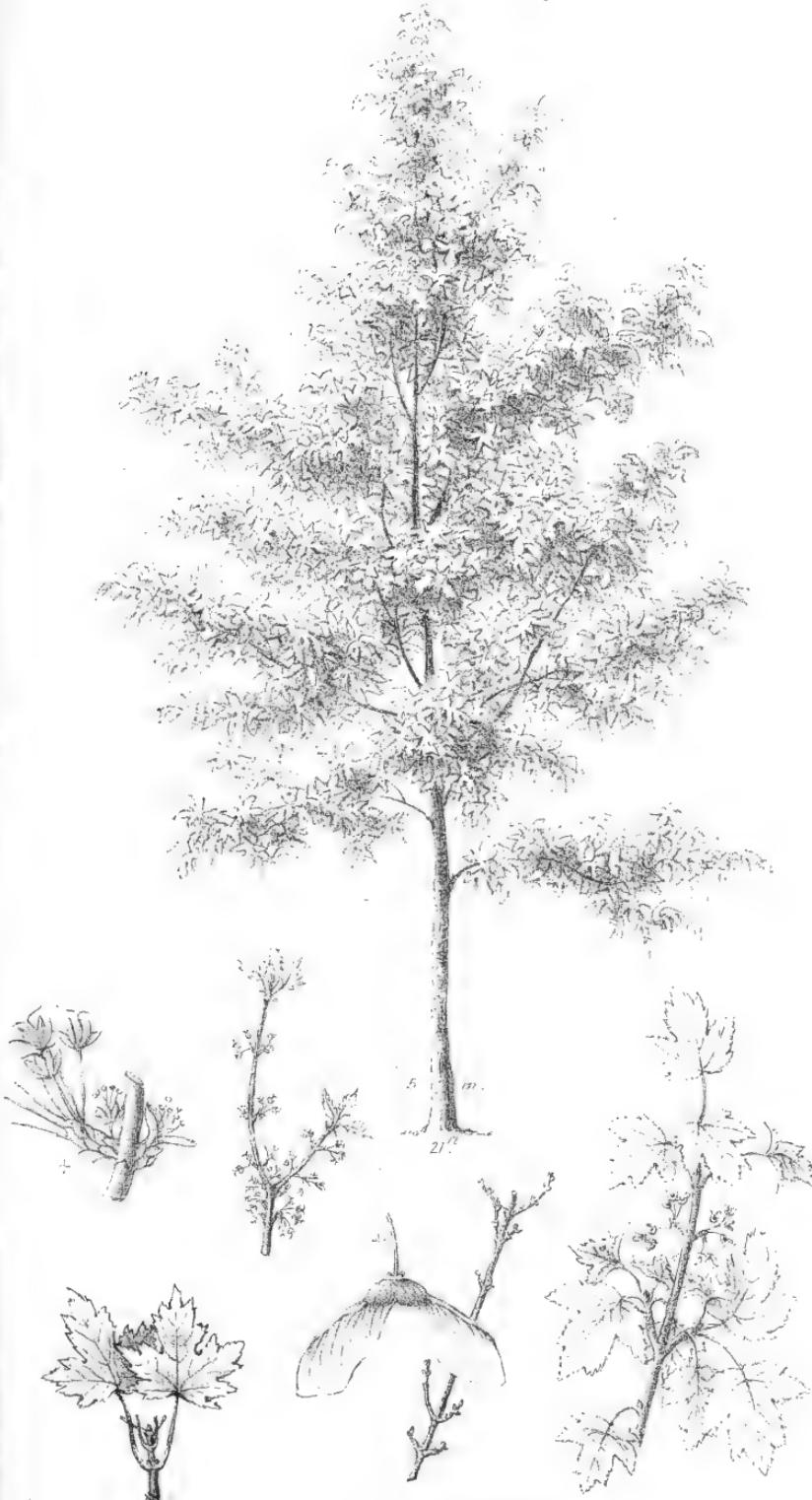


Full-grown tree at Kew, 56 ft. high; diam. of the trunk, 3 ft.; and of the head, 15 ft.
[Scale 1 in. to 12 ft.]



IV.O.
Acer rubrum.
The red-flowered Maple.

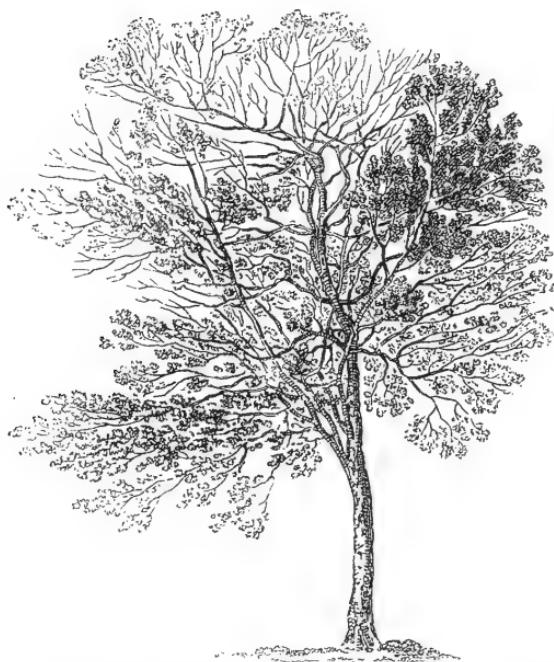
59



Printed from Zinc by Day & Haghe.

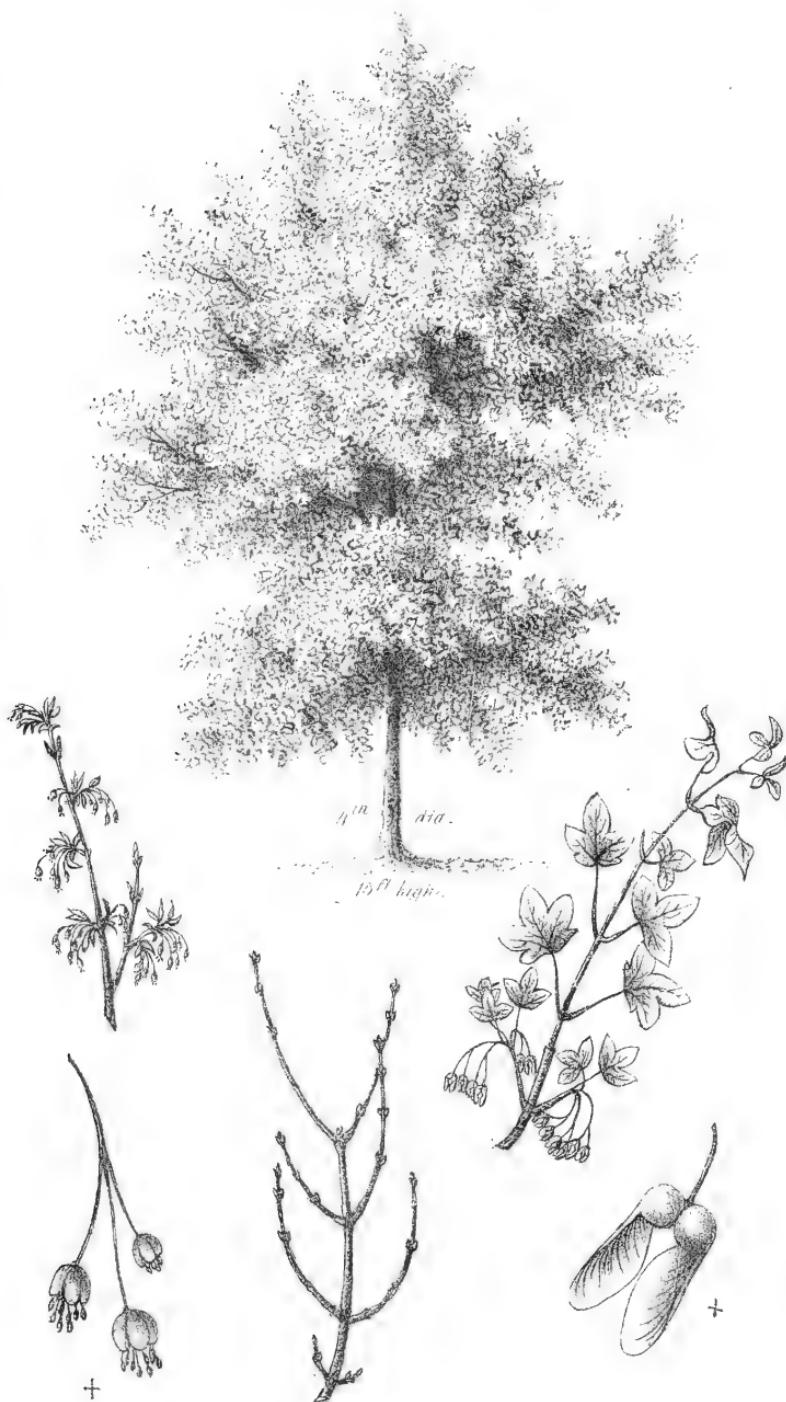
Acer rubrum.

The Red, or Swamp Maple.



Full grown tree at Kew, 36 ft. high; diam. of the trunk, 2½ ft.; and of the head, 30 ft.
[Scale 1 in. to 12 ft.]



Acer monspessulanum.
The Montpelier Maple.



Acer monspessulanum.

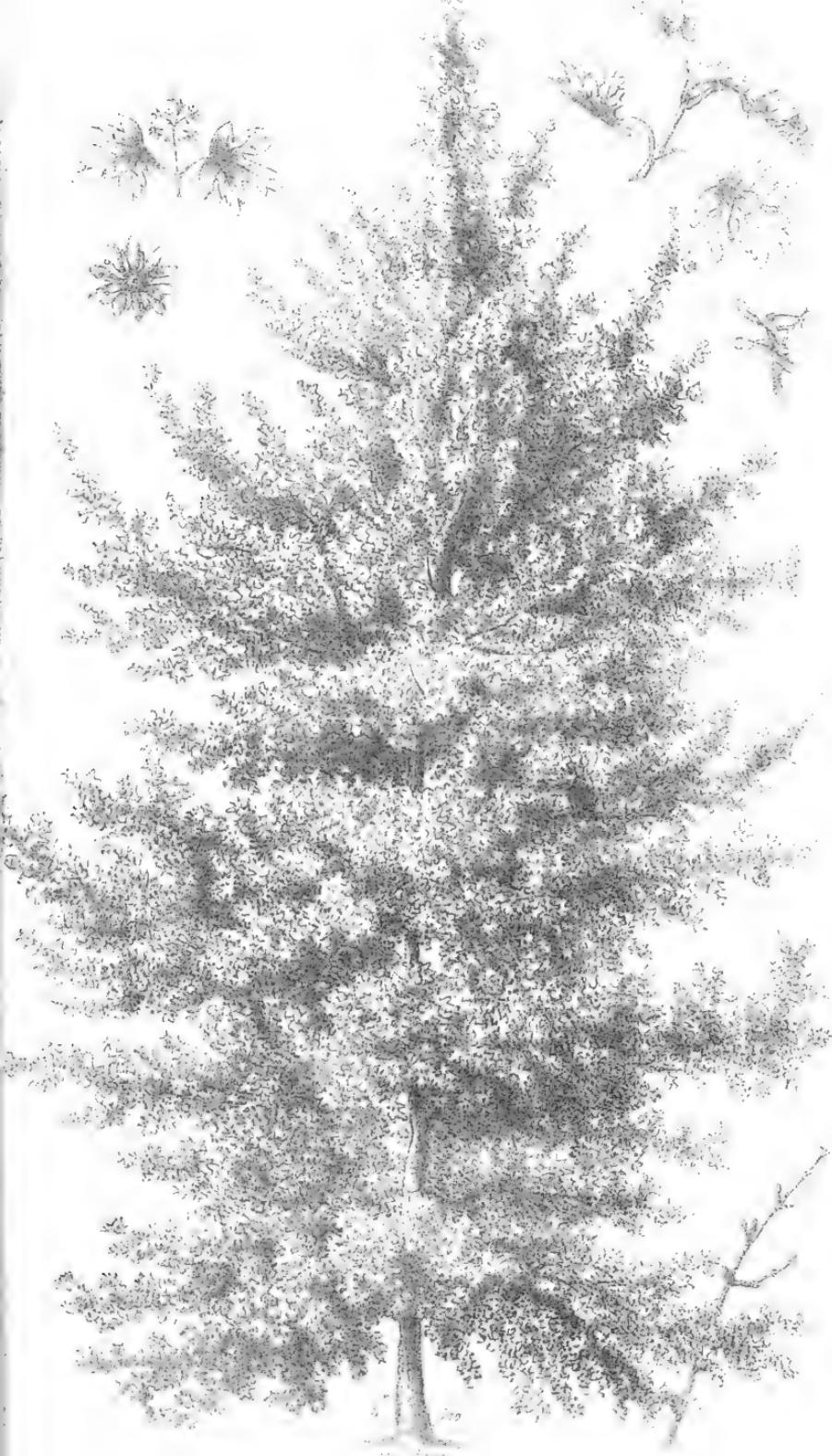
The Montpelier Maple.

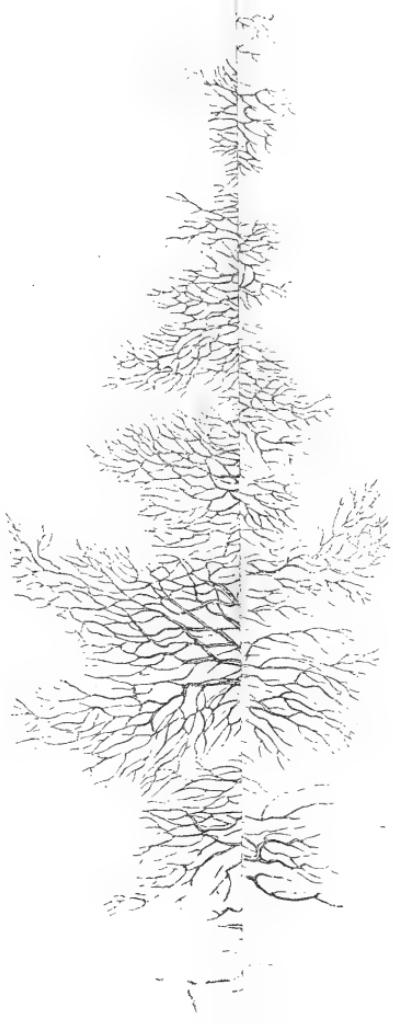


Full grown tree at Ham House, 30 ft. high; diam. of the head, 40 ft.; and of the trunk, 1½ ft.
[Scale 1 in. to 12 ft.]



Acer campestre.
The common, or field, Maple.

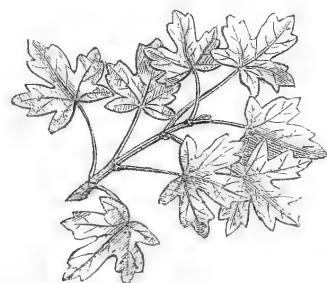


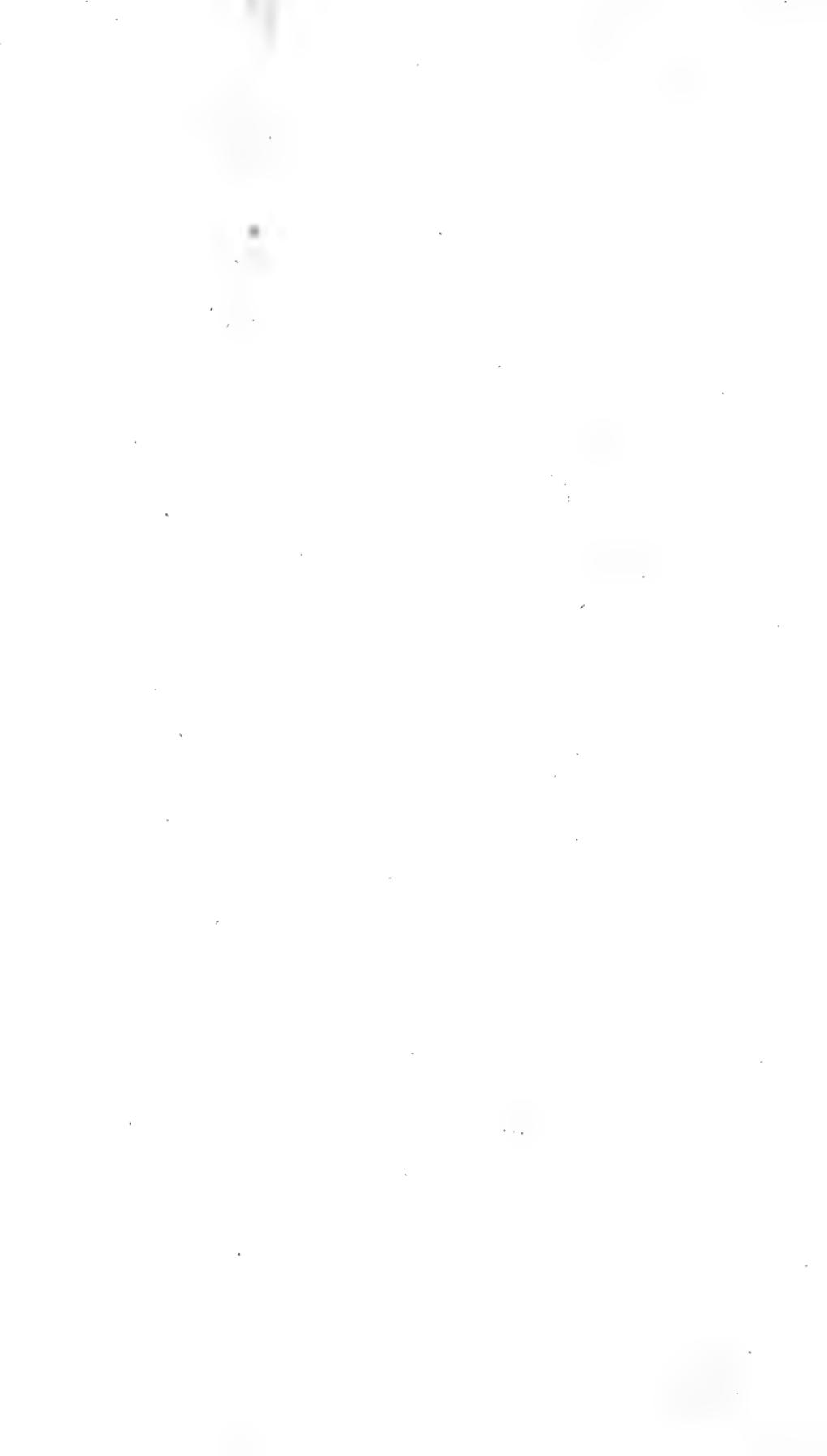


Acer campéstre.
The common, or field Maple.



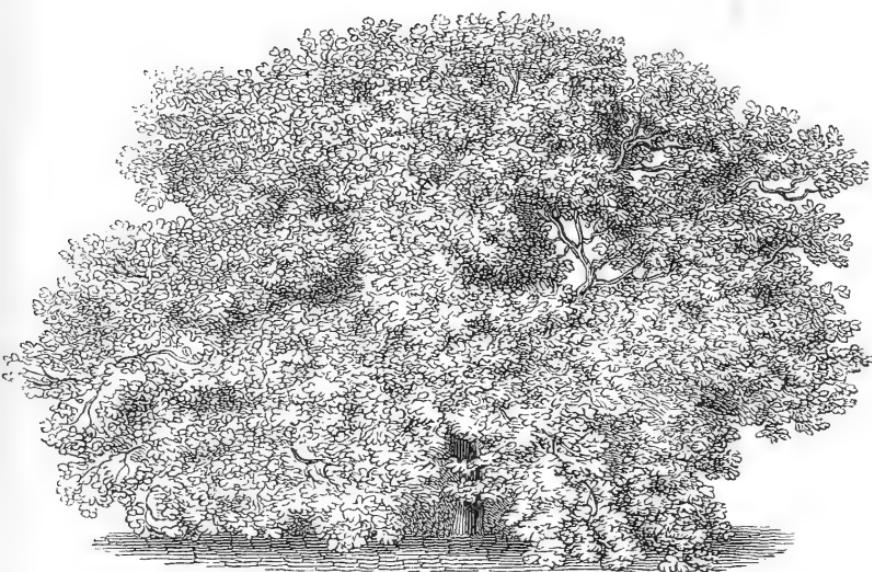
Full-grown tree at Studley Park, 70 ft. high; diam. of the trunk, 5½ ft.; and of the head, 58 ft.
[Scale 1 in. to 12 ft.]





Acer creticum.

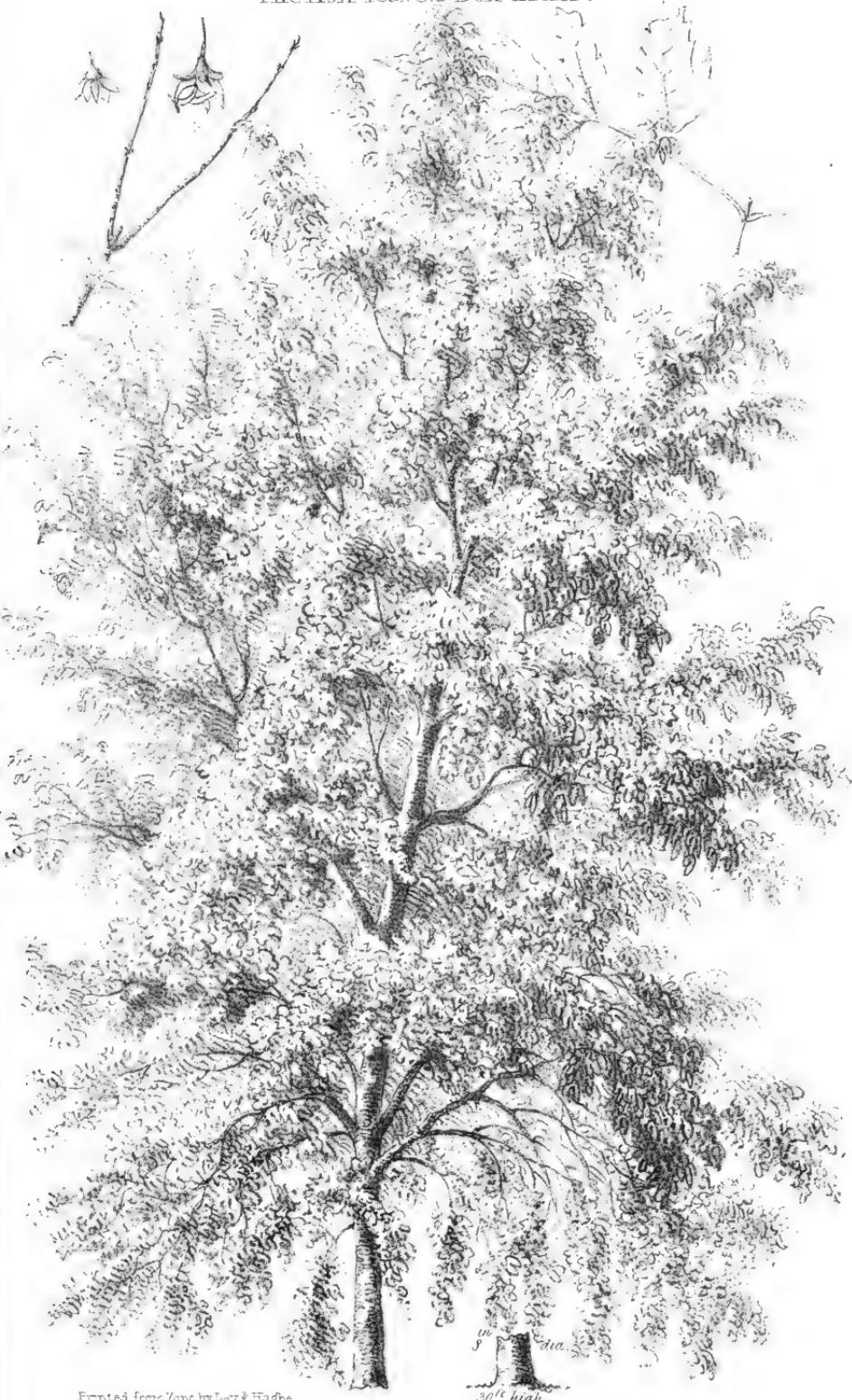
The Cretan Maple.



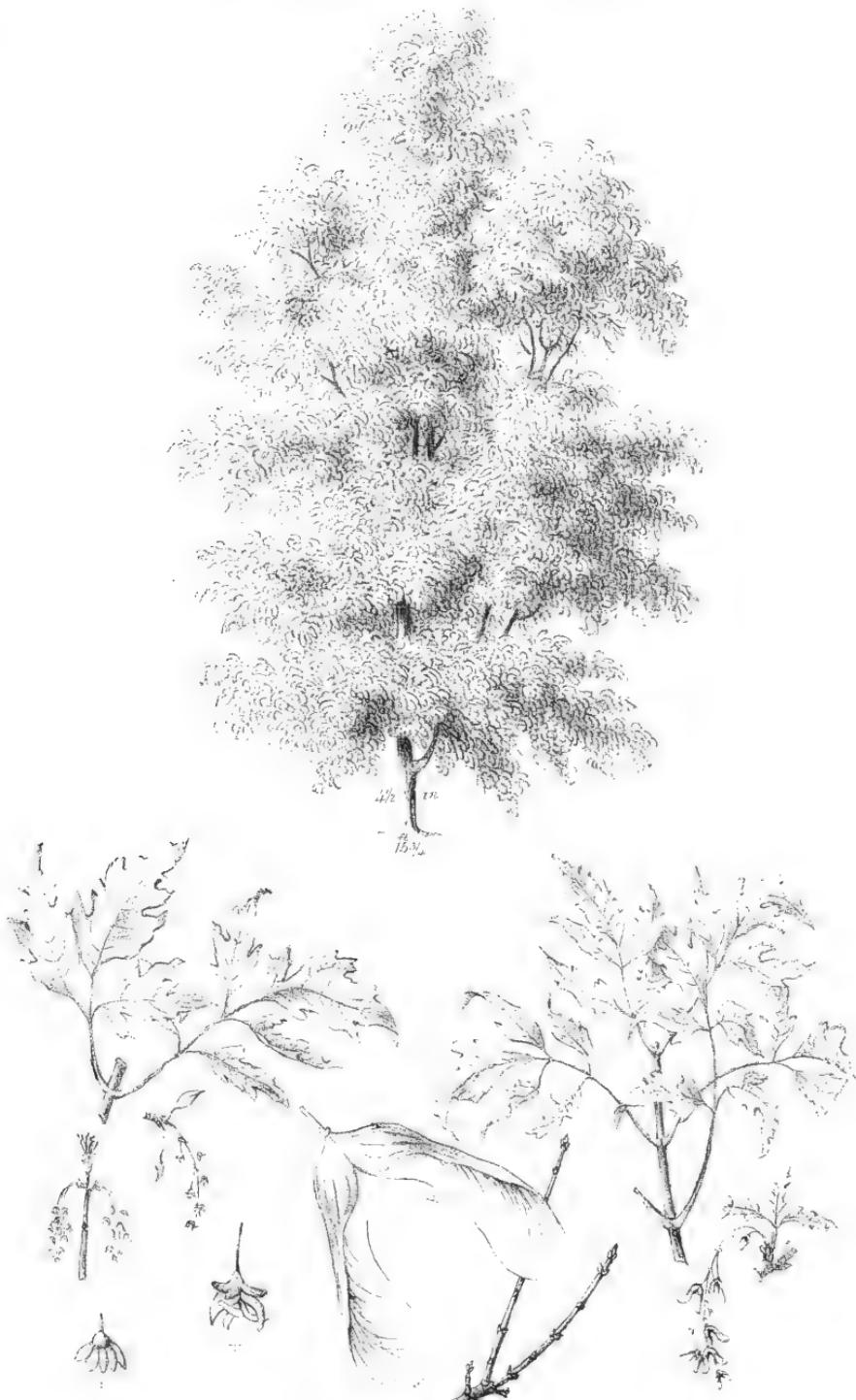
Full grown tree at Syon, 28 ft. high; diam. of the trunk, 2½ ft. and of the head, 48 ft.
[Scale 1 in. to 12 ft.]



V.A.
Negundo fraxinifolium.
The Ash-leaved Box Elder.

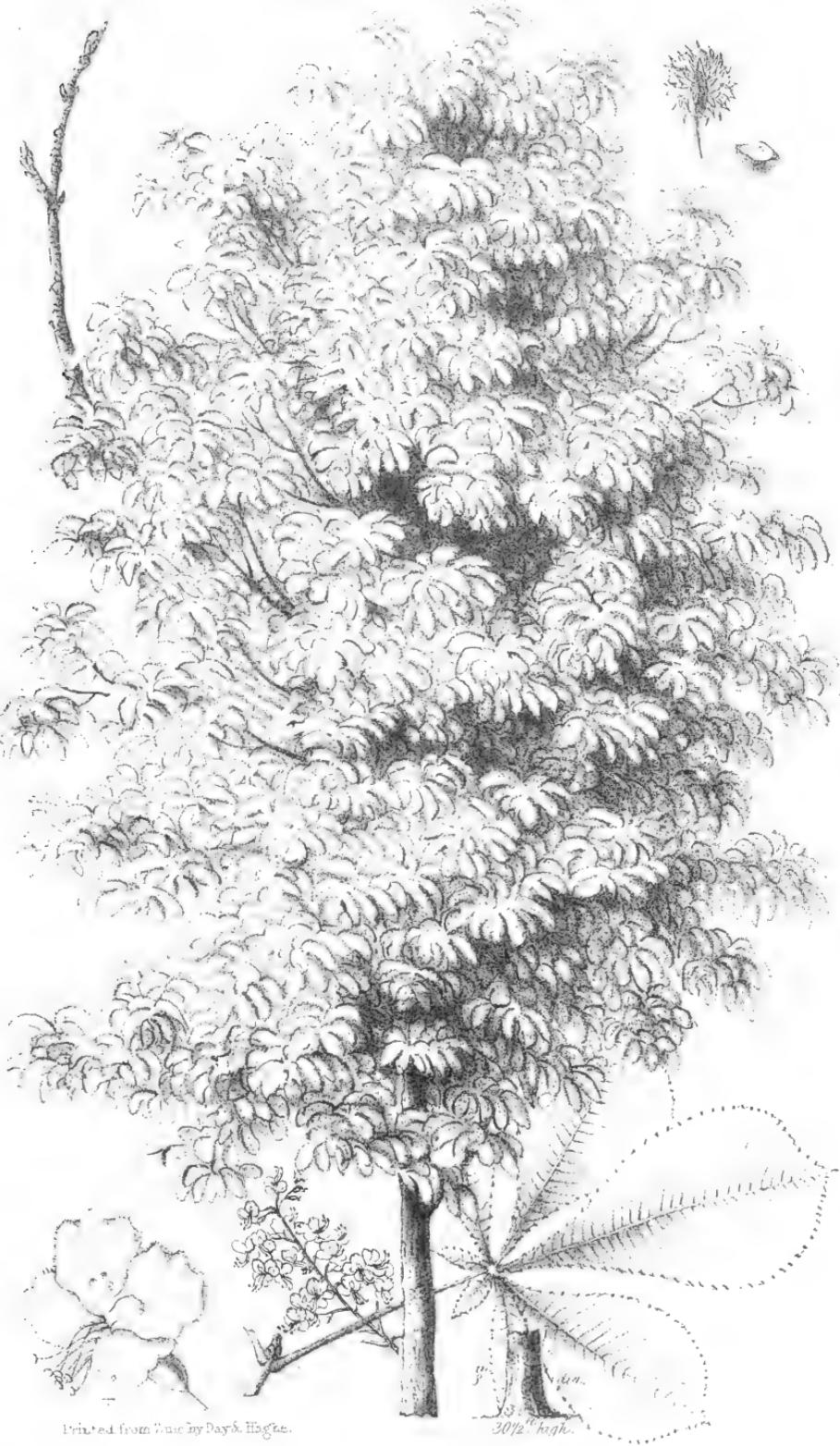


Negundo fraxinifolium crispum.
The curled Ash-leaved Box Elder.

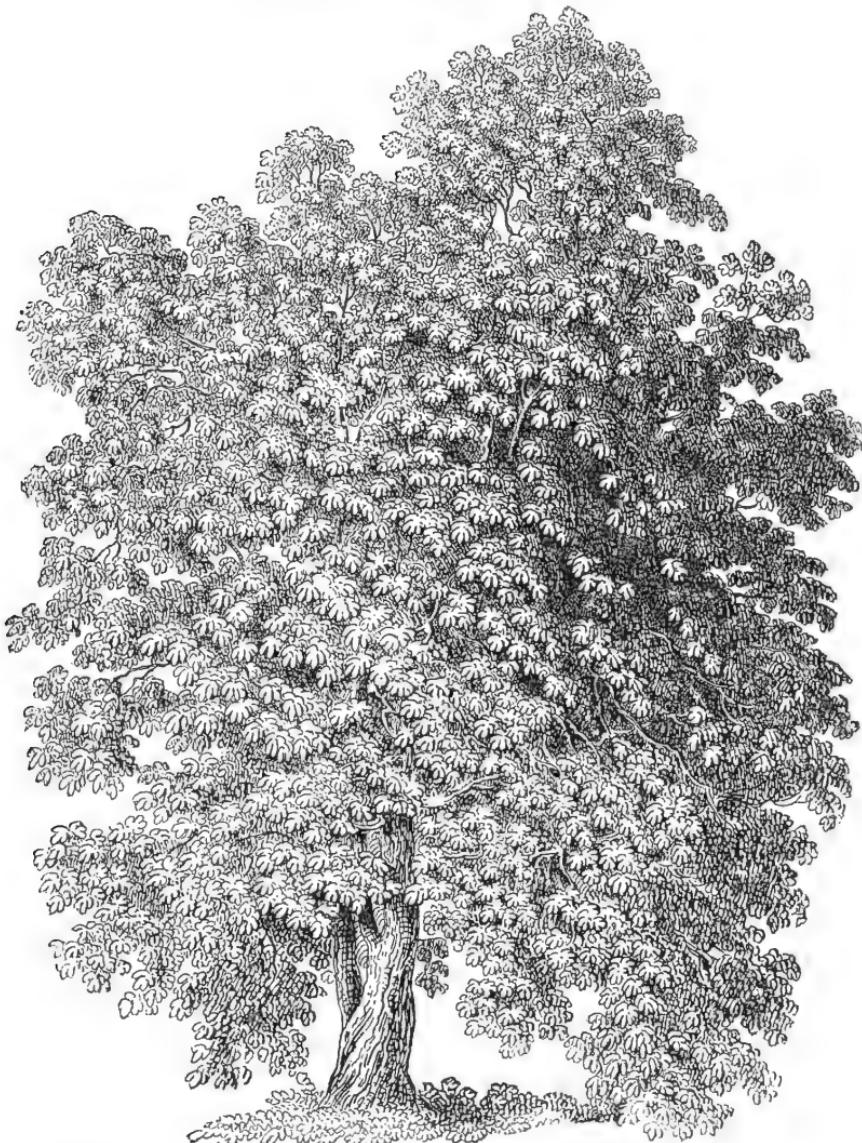


Printed from Zinc by Day & Hodge

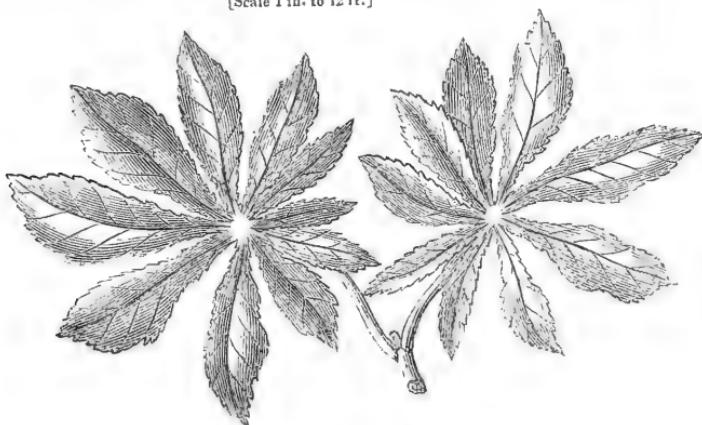
VI. A.
Eisentus Hippocastanum.
The common Horsechestnut.



Aesculus Hippocastanum.
The common Horse-Chestnut.

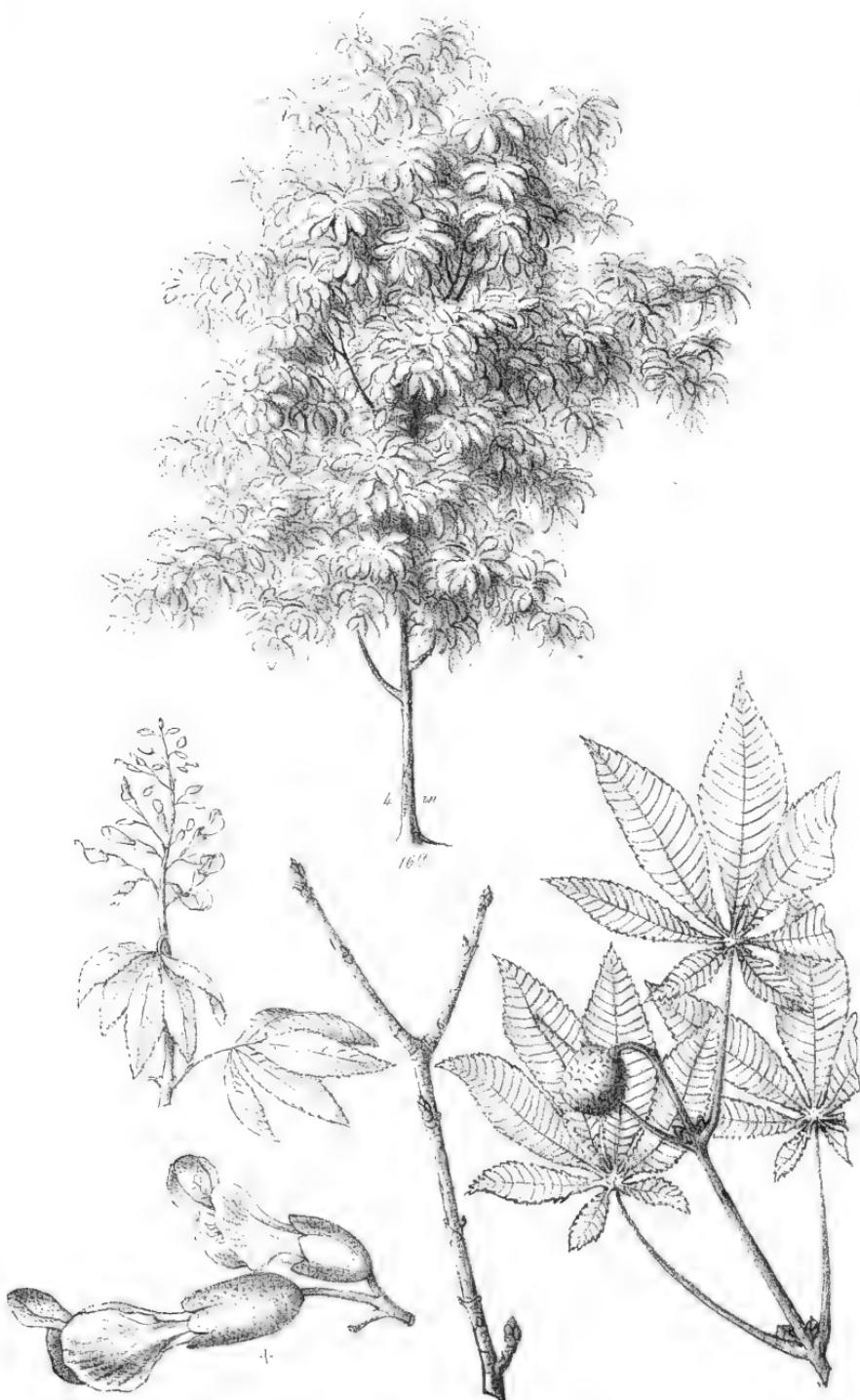


Full-grown tree at Forty Hill, Enfield, 62 ft. high; diam. of the trunk 4 ft.; and of the head, 48 ft.
[Scale 1 in. to 12 ft.]



Aesculus carnea.

The flesh-coloured-flowered Horse-chestnut.





Pavia rùbra.

The red-flowered, Pavia, or smooth-fruited Horse-Chestnut.



10 ft. high, 4½ in. diam.



Pàvia rùbra.

The red-flowered Pavia, or smooth-fruited, Horse-chestnut tree.



10 ft. high, 2½ in. diam.



Pàvia rùbra.

The red-flowered Pavia, or smooth fruited, Horse-chestnut tree.



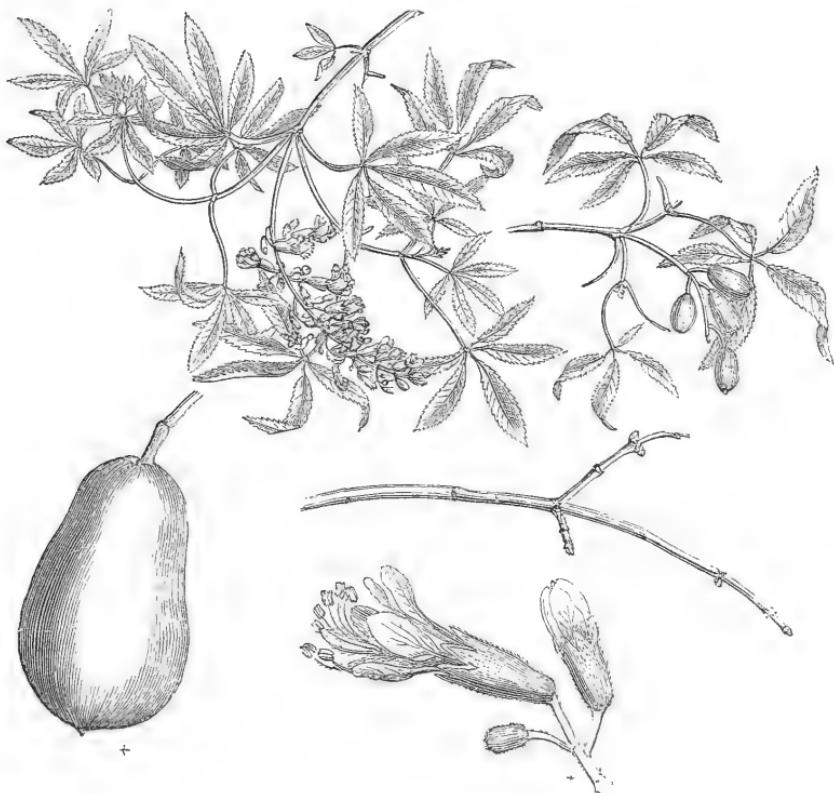
Full grown tree at Syon; 26 ft. high; several small trunks from the same root head, 27 ft. diam.
[Scale 1 in. to 12 ft.]



Pàvia húmílis péndula.
The pendulous-branched Pavia.



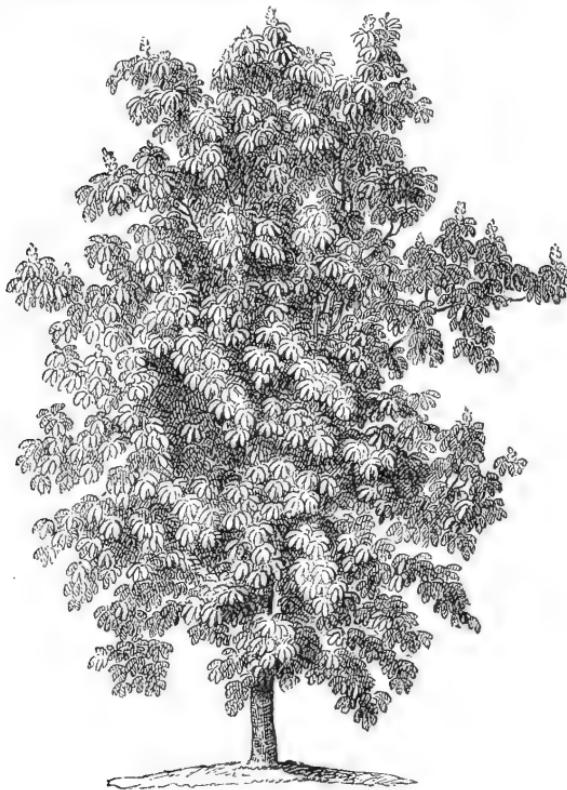
11 ft. high, $2\frac{3}{4}$ in. diam.



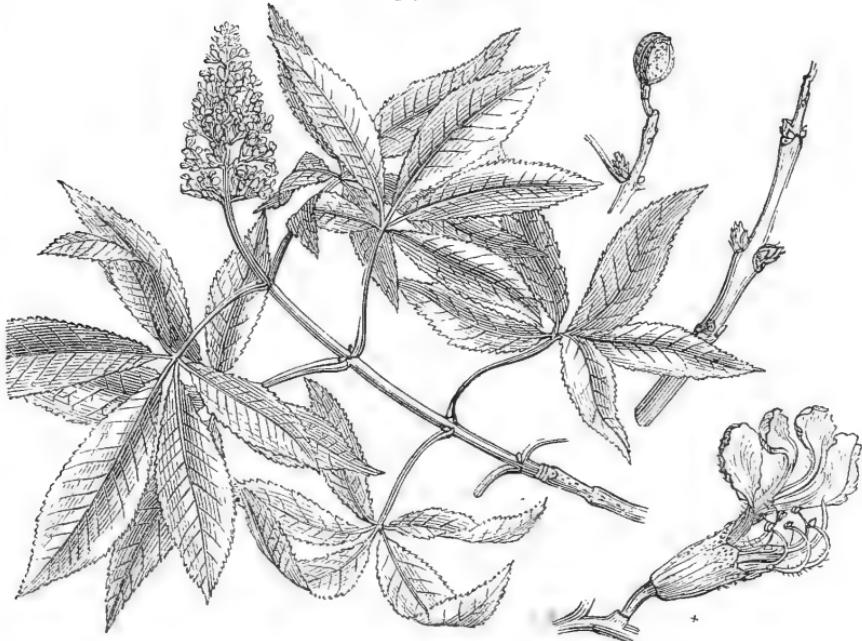


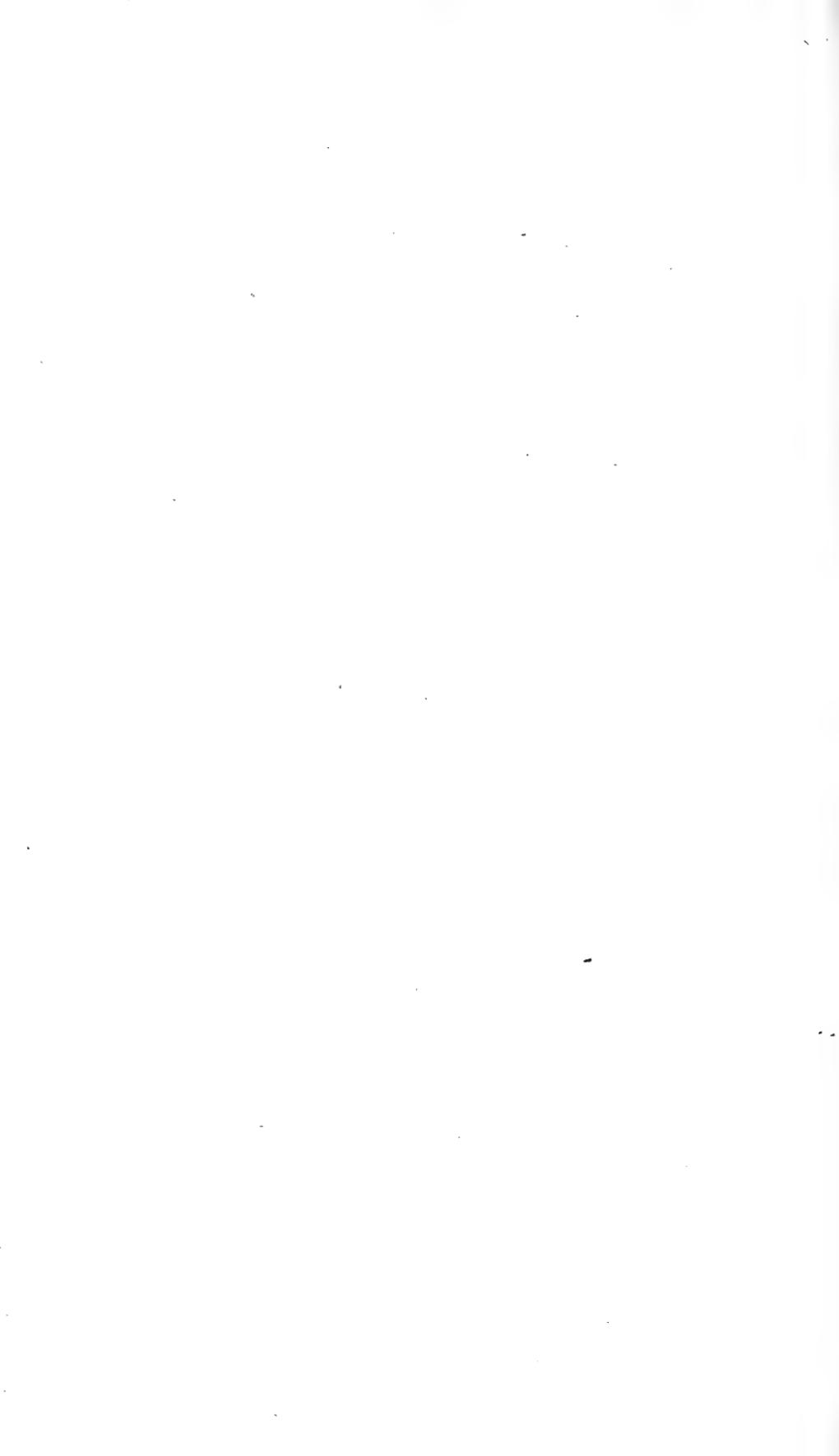
Pavia flava.

The yellow-flowered, Pavia, or smooth-fruited Horse-Chestnut.



15 ft. high, 6 in. diam.





Æ'seulus (Pavia) flava.
The yellow-flowered (Pavia) Horse-chestnut.



Full-grown tree at Syon; 40 ft. high; trunk, 1 ft. 4 in. diam.; diam. of the head, 39 ft.



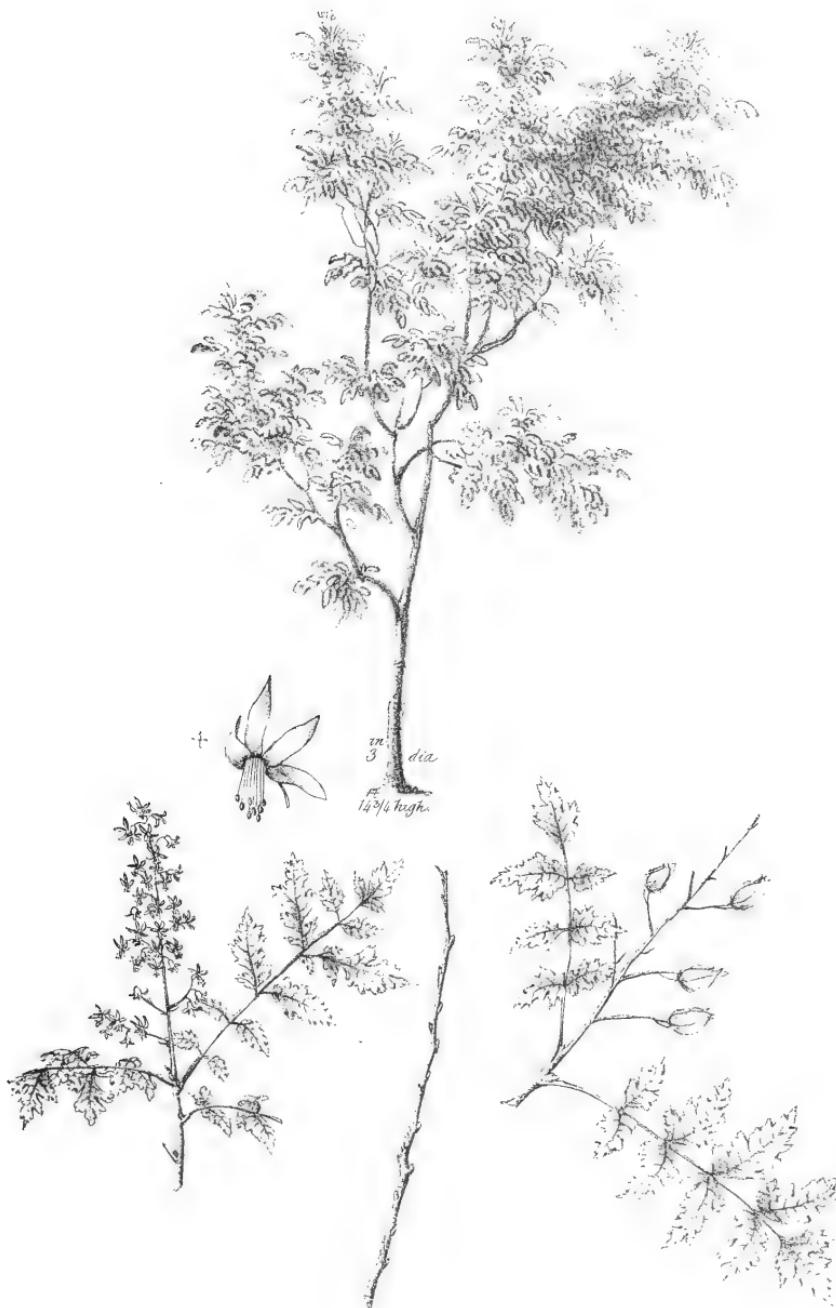
Pàvia macrocárpa.
The large-fruited Pavia.



13 ft. high, 3 in. diam.



Kölreuteria paniculata.
The panicled-flowering Kölreuteria.



Xanthóxylon fraxíneum.

The Ash-leaved Tooth-ache Tree.



12 ft. high $2\frac{1}{2}$ in. diam.



Ptèlea trifoliata.
The three-leaved Shrubby Trefoil.



Ailántus glandulòsa.
The glandulous-leaved Ailanthus.



32 ft. high, 8 in. diam.

Ailántus glandulòsa.

The glandulous-leaved Ailanthus.



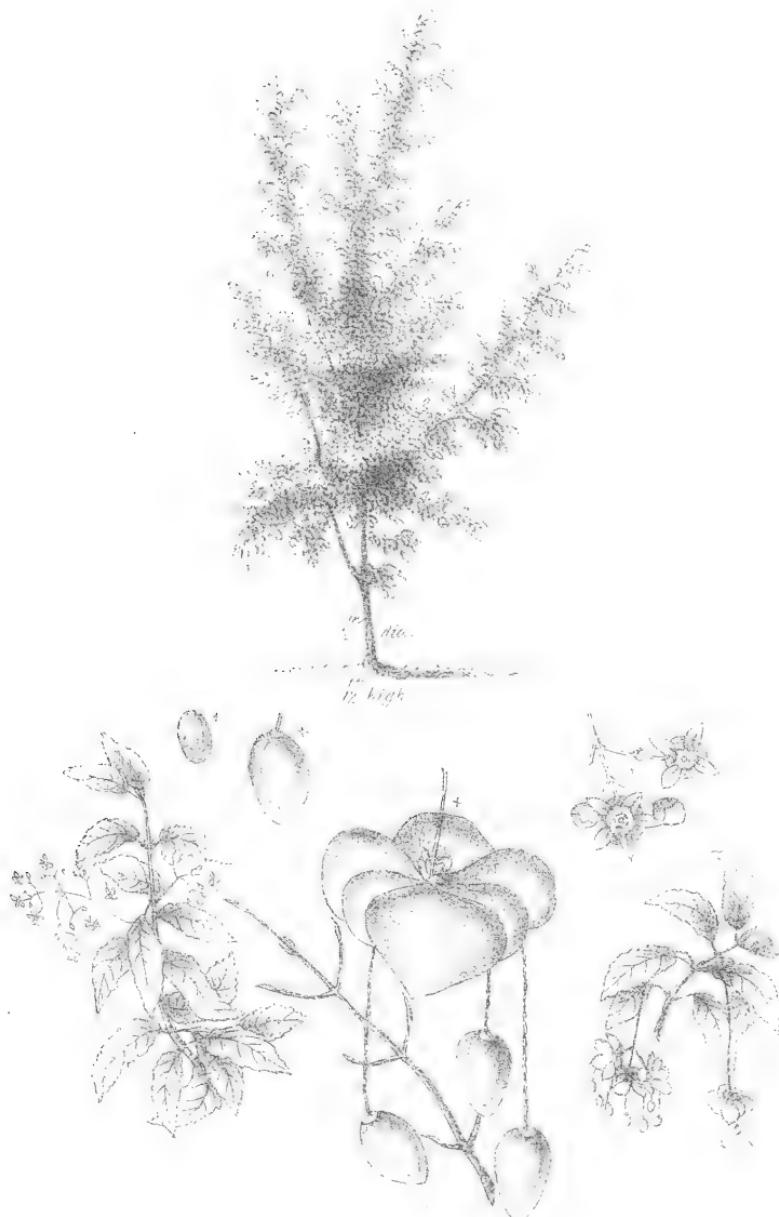
Full-grown tree at Syon, 71 ft. high.
[Scale 1 in. to 12 ft.]



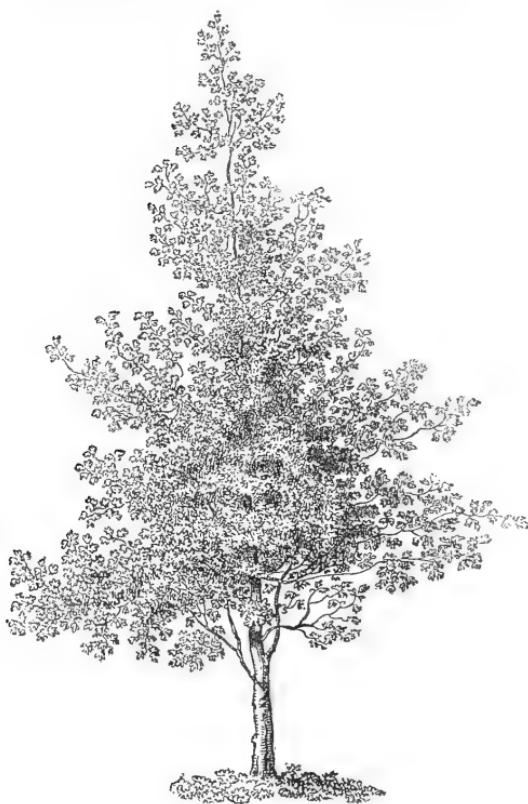
Fusiformis europaeus.
The European, or common Spindle tree.



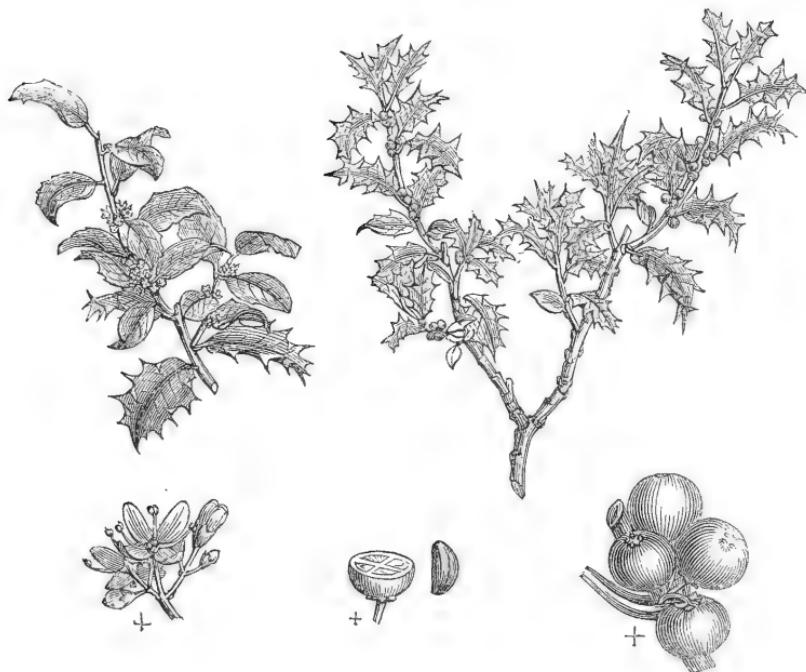
Euonymus latifolius.
The broad-leaved Spindle tree.



Ilex Aquifolium.
The sharp-leaved, or common, Holly.



14 ft. high, 3½ in. diam.



Ilex Aquifolium.
The sharp-leaved, or common, Holly.



Full-grown tree at Studley, 53 ft. 7 in. high.
[Scale 1 in. to 12 ft.]



Ilex opaca.

The opaque-leaved Holly.

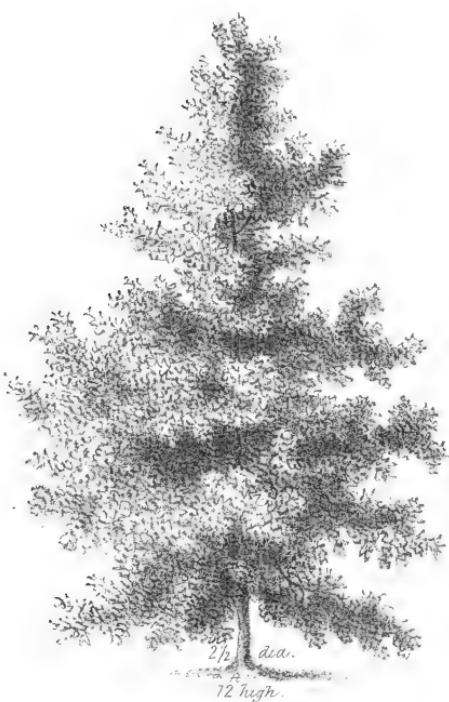


Full-grown tree at Syon, 18 ft. high ; diam. of the trunk, 1 ft. ; and of the branches, 23 ft.
[Scale 1 in. to 12 ft.]



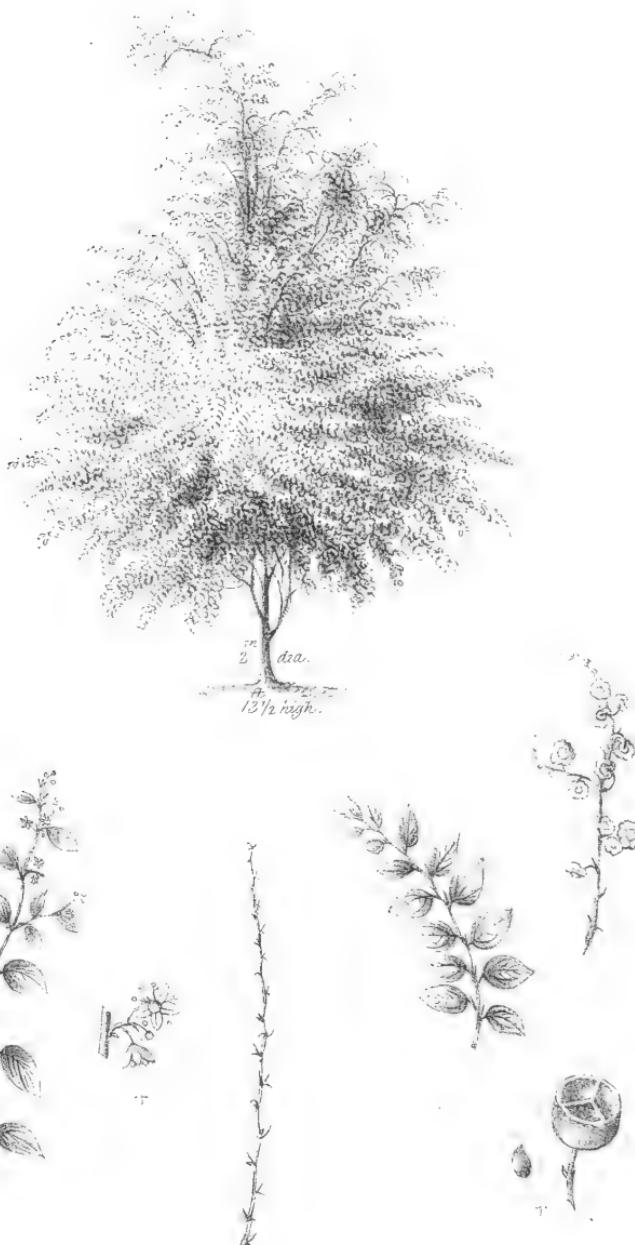
Ilex opaca.

The opaque-leaved Holly.





Fatigus aculeatus.
The prickly Christ's Thorn.



Printed from Linen by W. Egert.



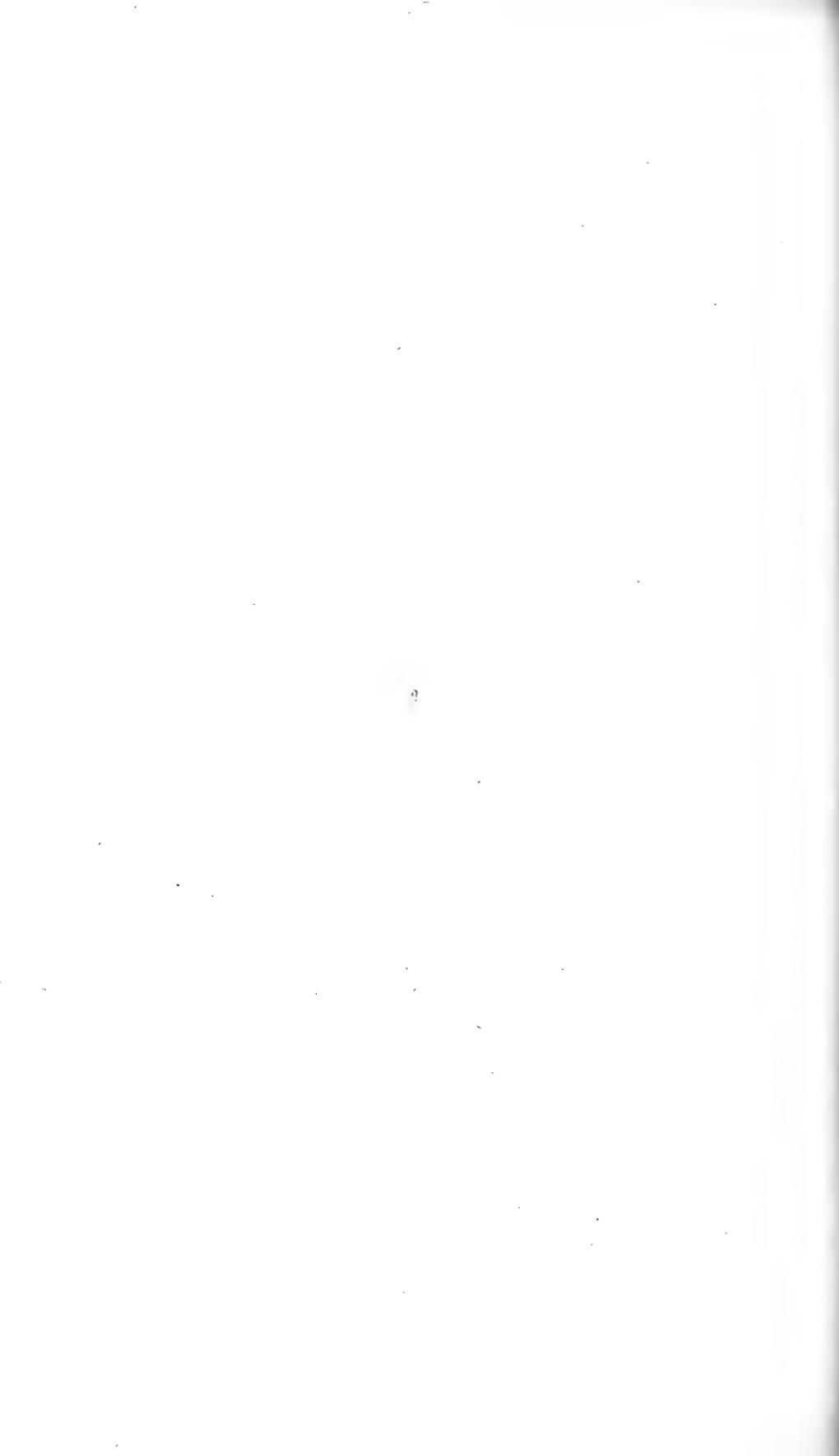
Paliurus aculeatus.

The prickly Paliurus, or Christ's thorn.



Full-grown tree at Syon; 33 ft. high; diam. of the trunk, 1 ft. and of the head, 30 ft.
[Scale 1 in. to 12 ft.]

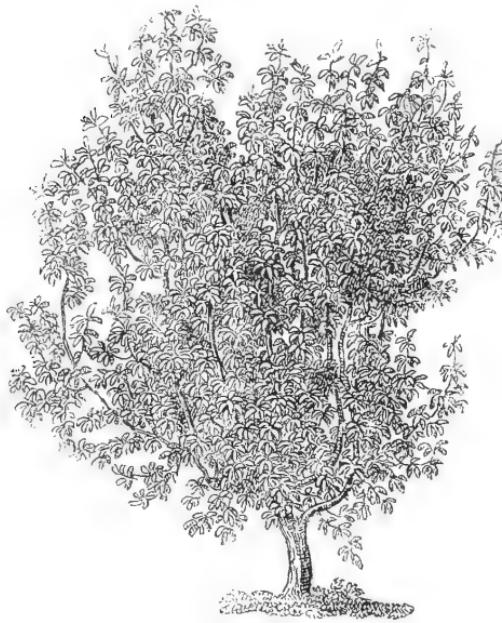




Rhamnus catharticus.
The purging Buckthorn.



Rhamnus alpinus.
The Alpine Rhamnus, or Buckthorn.



11 ft. high, 3 in. diam.

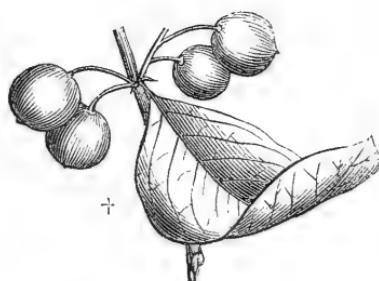


Rhámnus Frángula.

The Frangula, or brittle-wooded, Buckthorn.



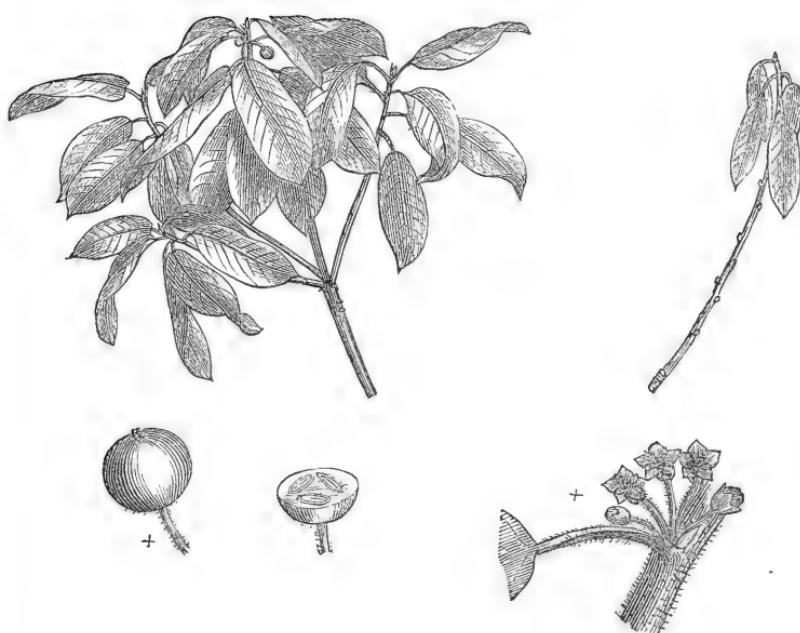
10 ft. high, 1½ in. diam





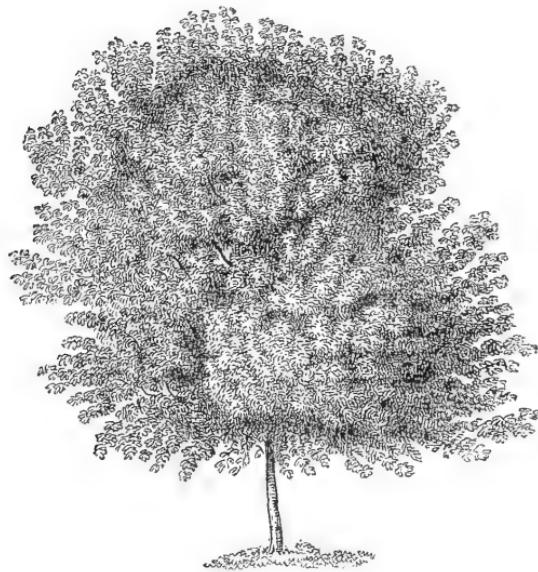
Rhamnus latifolius.

The broad-leaved Buck-thorn.

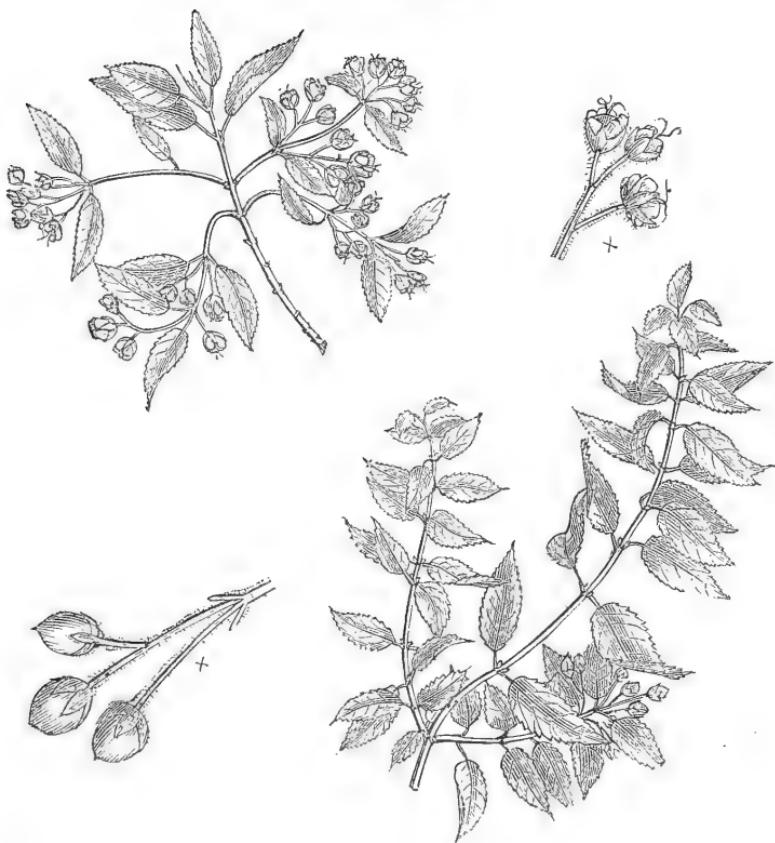


Aristotèlia Mâcqui.

The Macqui Aristotelia.



10 ft. high, 1½ in. diam.

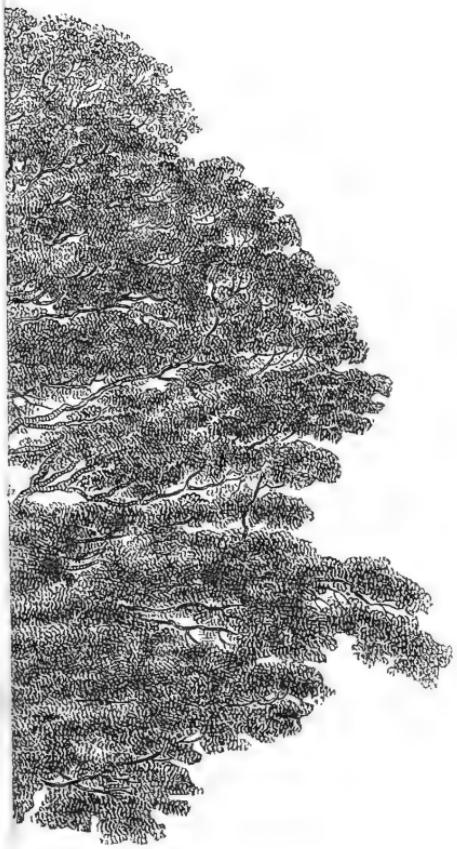


Sophora japonica.
The Japanese Sophora.

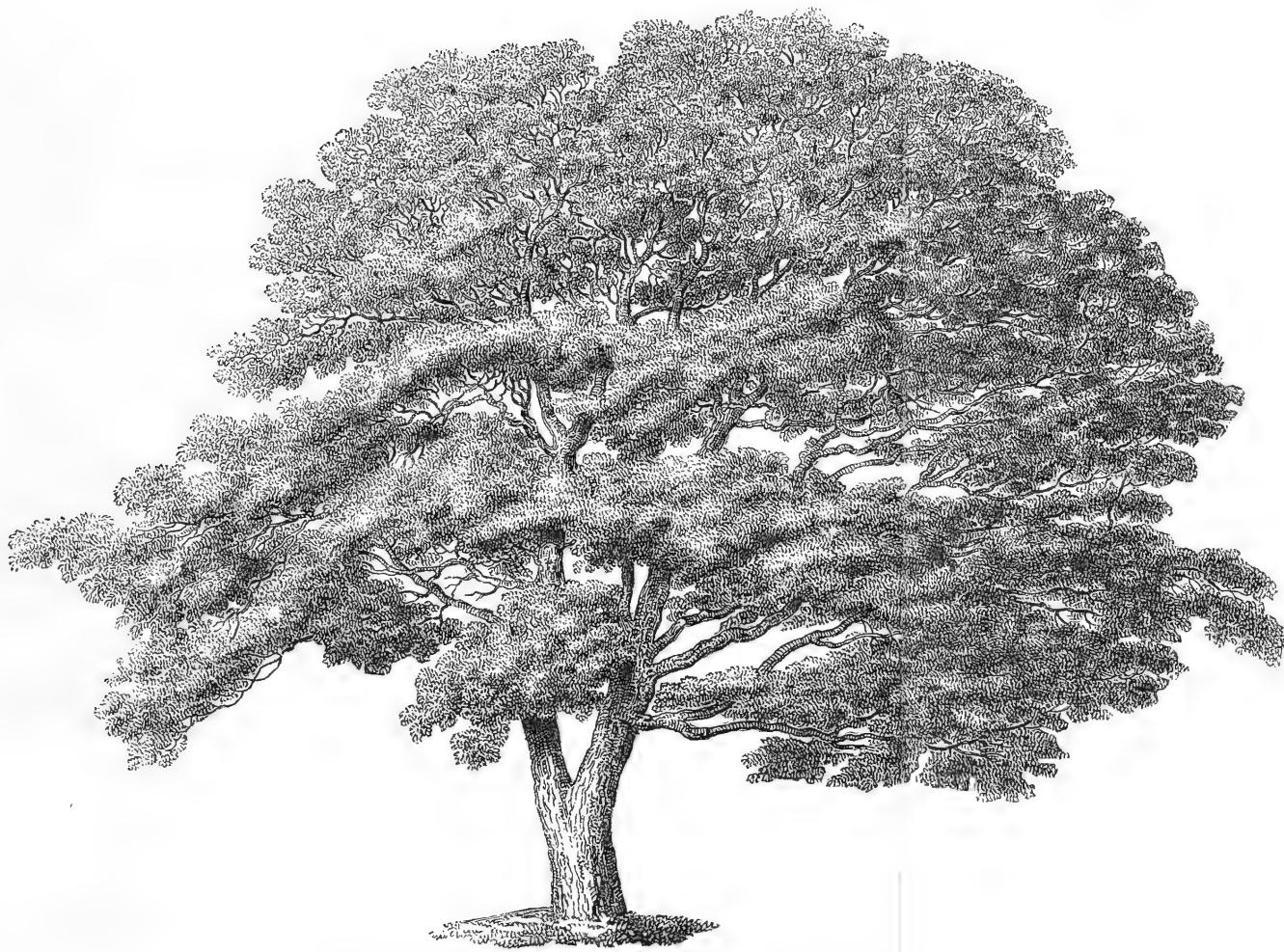


20 ft. high, 9 in. diam.





Sophora japonica.
The Japan Sophora.



Full-grown tree at Syon, 57 ft. high; diam. of the trunk, 4½ ft.; and of the head, 84 ft.
[Scale 1 in. to 12 ft.]



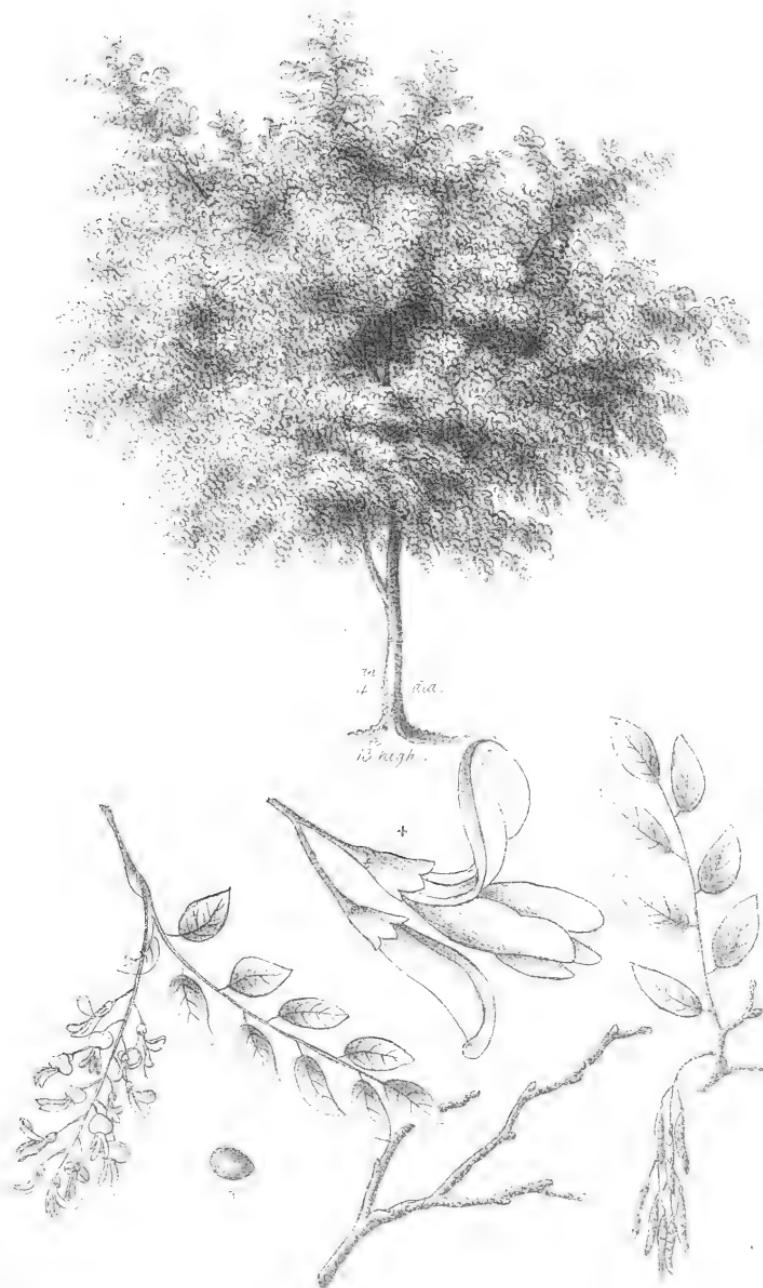
Sophora japonica pendula.
The drooping-branched Japanese Sophora.



12 ft. high, 3 in. diam.



Virgilia lutea.
The yellow-flowered Virgilia.



Cytisus Laburnum.
The common Laburnum.



Printed from Zincky Day & Egle.

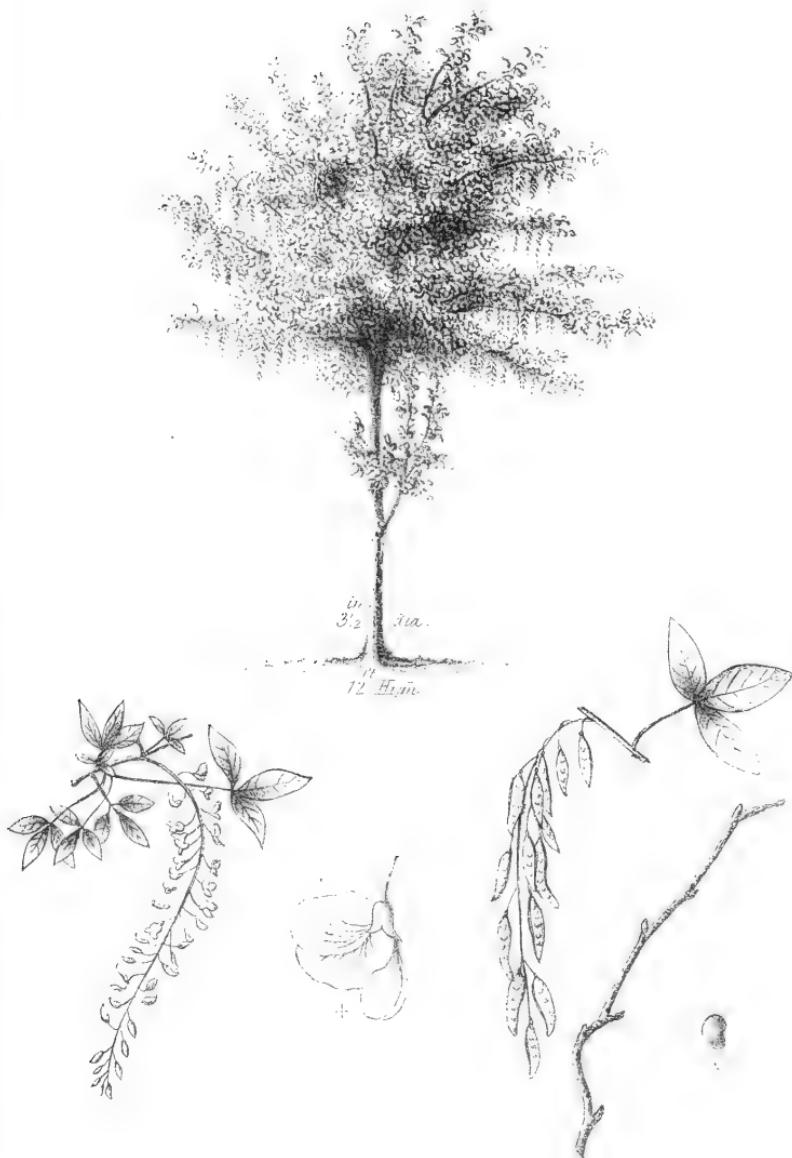
Cytisus Laburnum invisum.
The cut-leaved Laburnum.



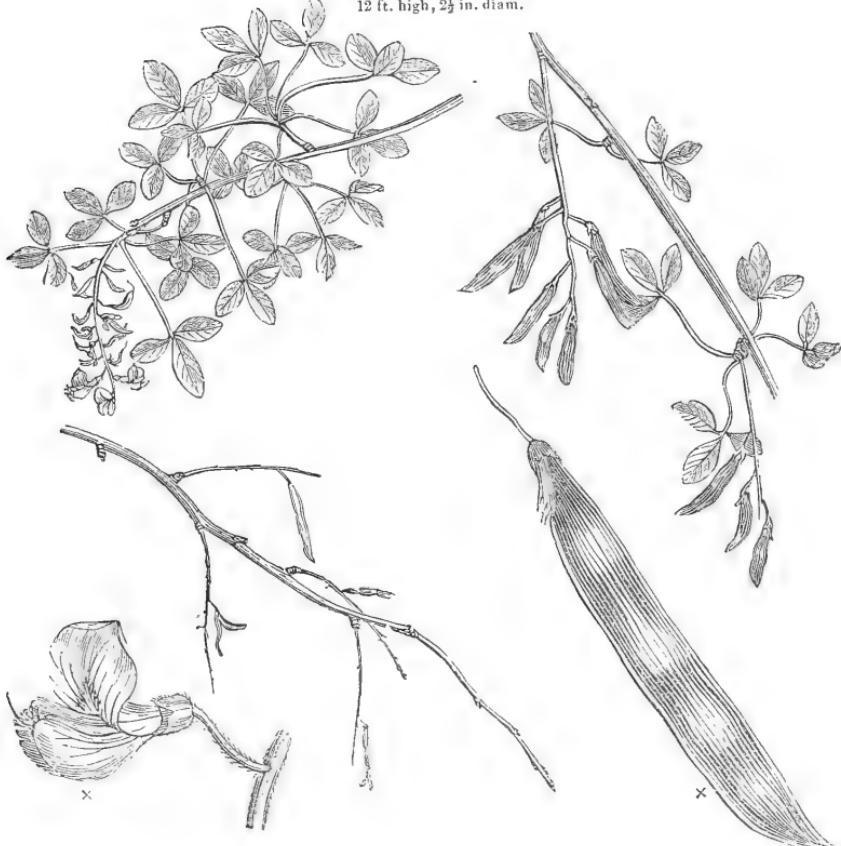
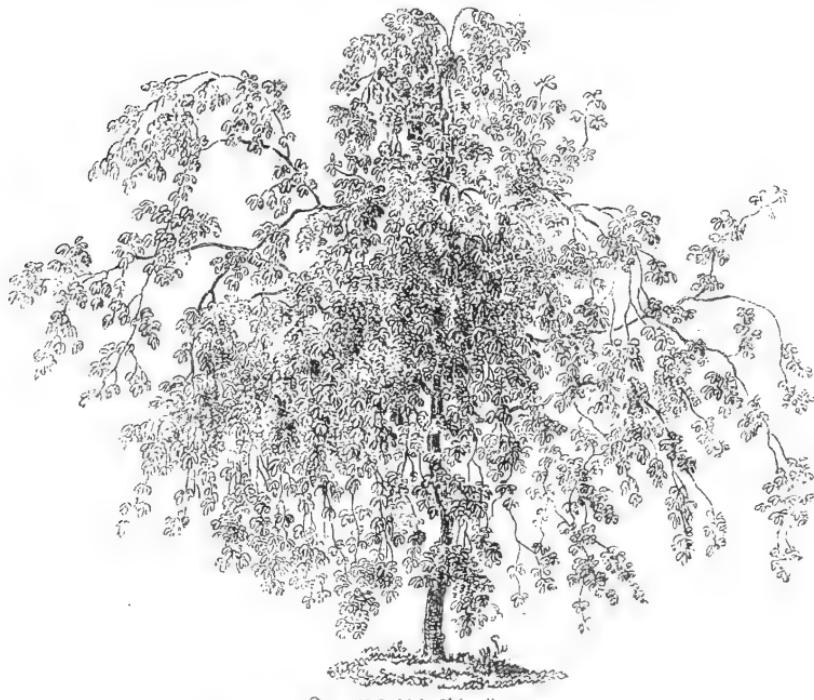
Printed from Zan. by Fox S. May.



Cytisus alpinus.
The alpine Cytisus, or Scotch Laburnum.



Cytisus L. alpinus pendulum.
The pendulous Alpine, or Scotch, Laburnum.



XX.A.
Robinia Pseud-Acacia.
The common Locust, or Bastard Acacia.

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Printed from Zinc by Day & Hagley Co.

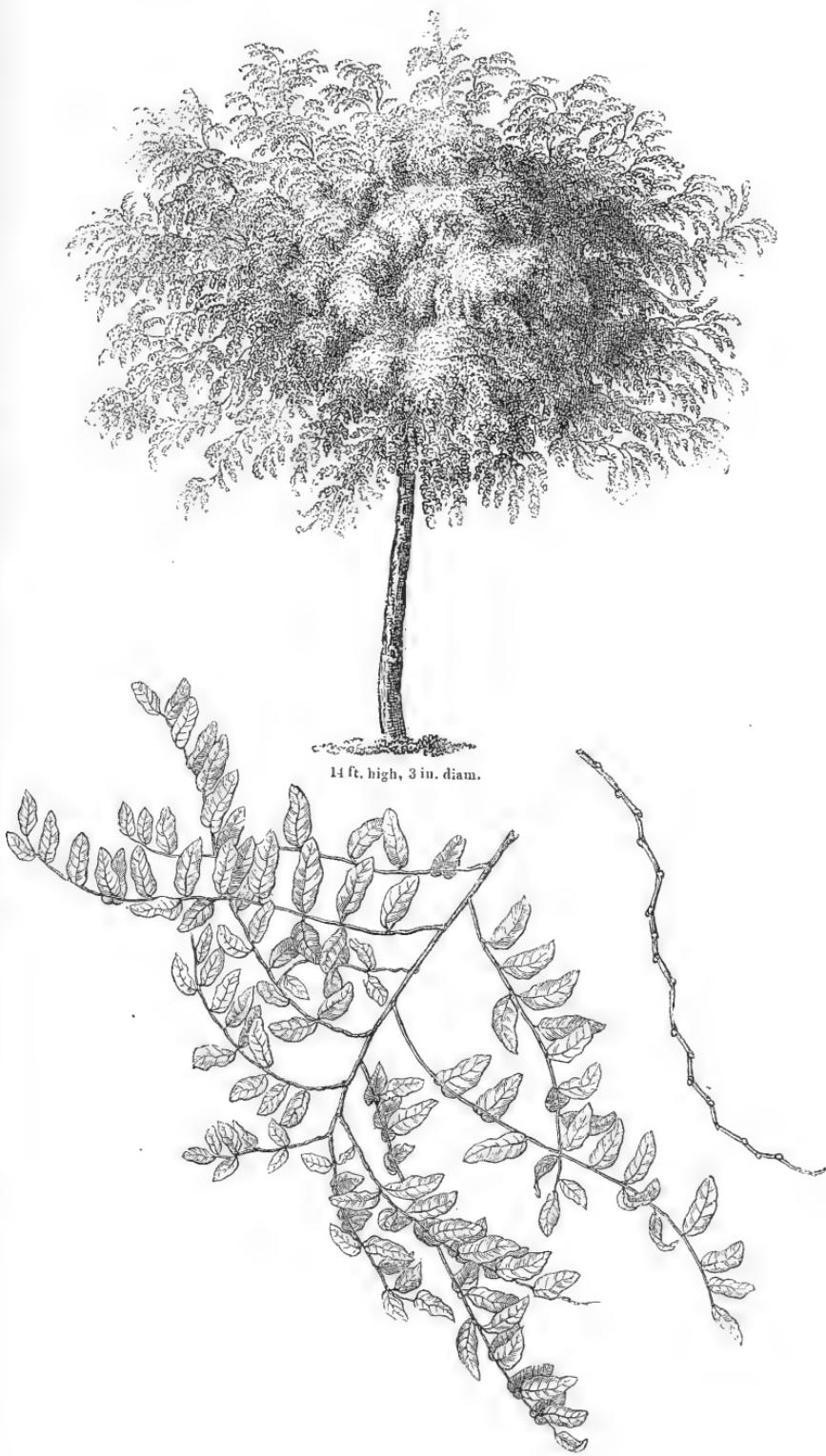


Robinia Pséud-acacia.
The false Acacia Robinia.



Robinia Pseud-acacia umbraculifera.

The Umbrella, or *Parasol*, False Acacia Robinia.



Robinia Pseùd-Acàcia tortuòsa.

The twisted-leaved Robinia or False Acacia.

12 ft. high, $3\frac{1}{2}$ in. diam.



XX.C.
Rohdea viscosa.
The viscid-barked Locust.

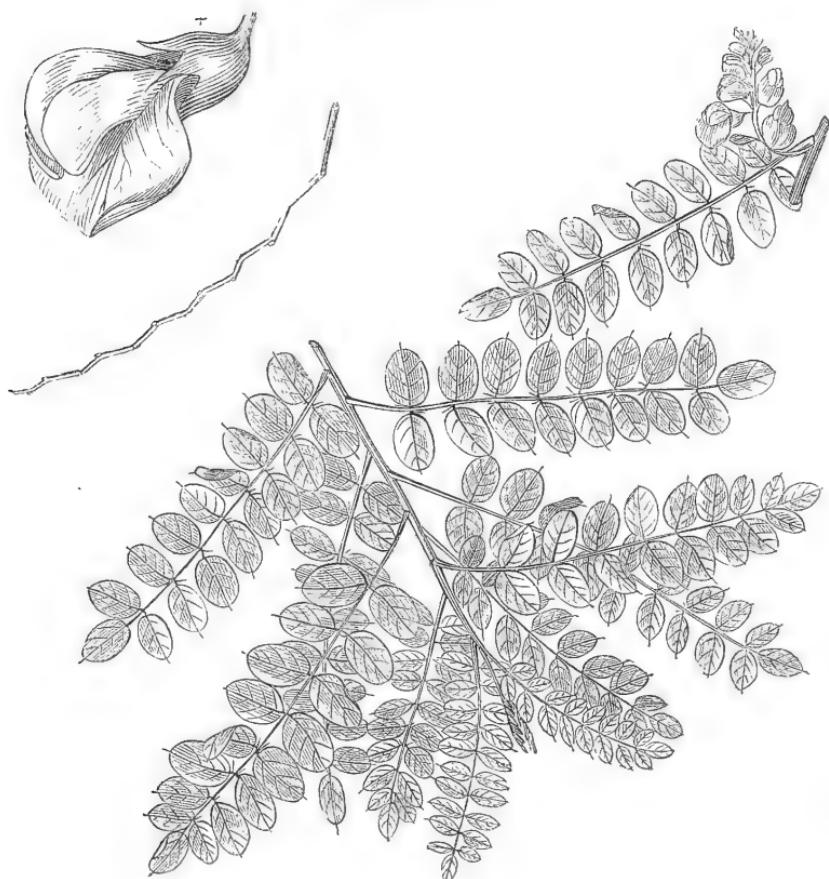


Robínia (híspida) macrophýlla.

The long-leaved Robinia, or Rose Acacia.

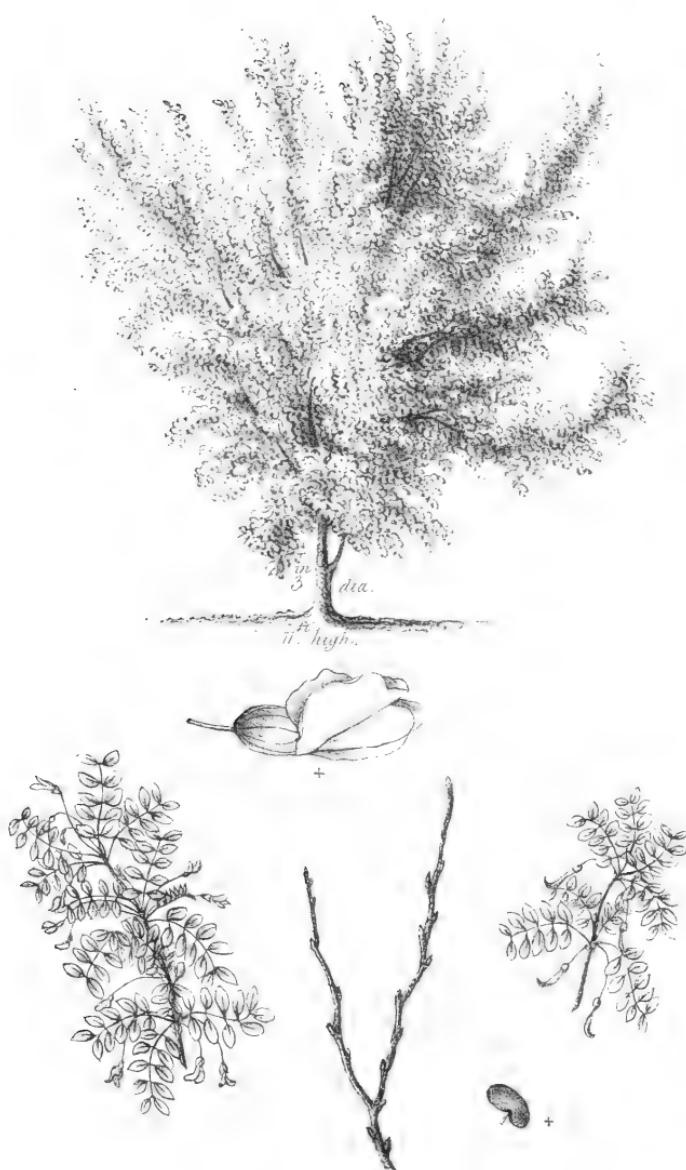


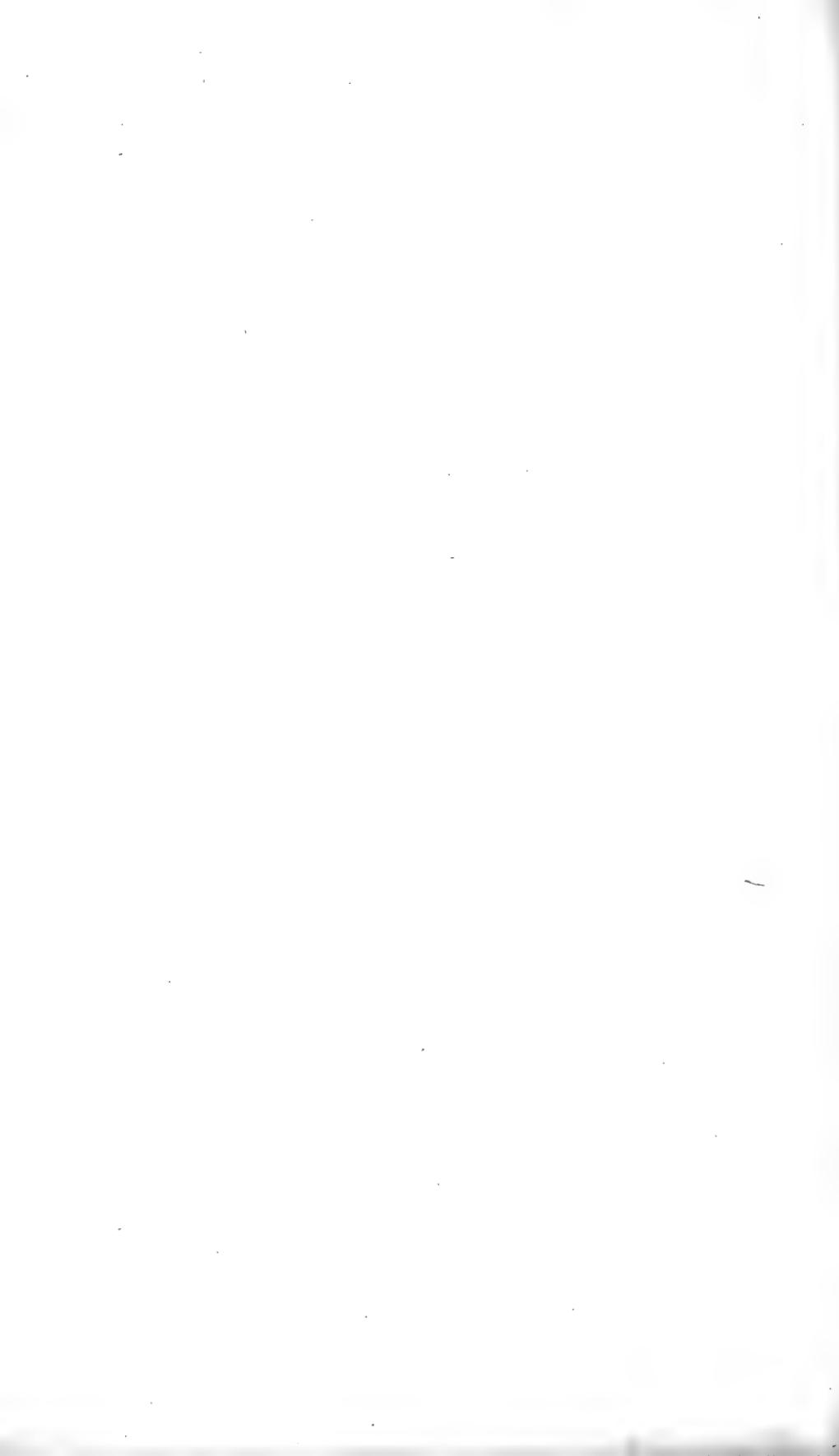
8½ ft. high, 2½ in. diam.



XXII.A
Caragána arborescens.
The arborescent Siberian Pea tree.

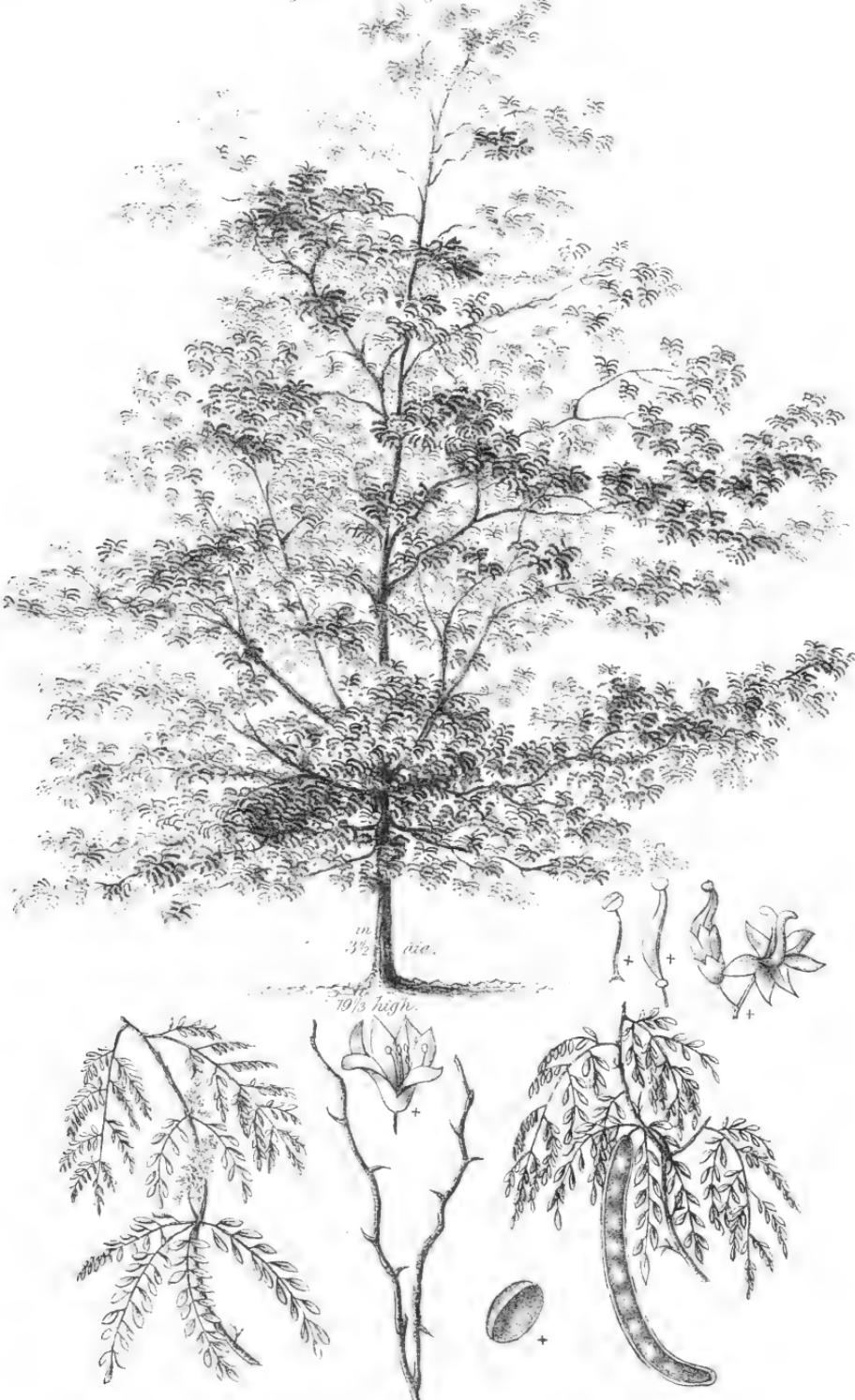
75





XXIIIA.
Gleditschia triacanthos.

The three-spined Honey Locust, or Gleditschia.



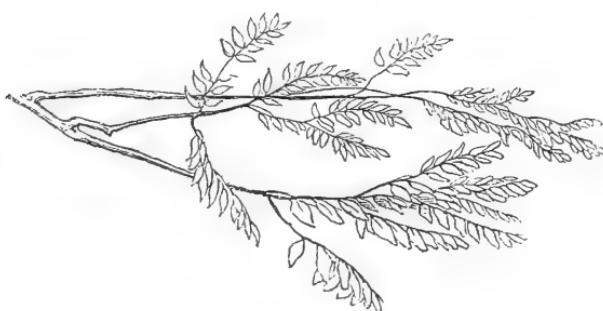
Gleditschia triacanthos.

The three-thorned Gleditschia, or Honey Locust.



Full-grown tree at Syon, 68 ft. high; diam. of the trunk, 2 ft. 3 in.; and of the head, 40 ft.

[Scale 1 in. to 12 ft.]



Gleditschia (triacánthos) inérmis.

The unarmed or thornless Gleditschia, or Honey Locust.



Gleditschia inérmis.

The unarmed Gleditschia, or Honey Locust Tree.



Full grown tree at Syon, 72 ft. high; trunk, 2 ft. 4 in. diam.; head, 71 ft. diam.
[Scale 1 in. to 12 ft.]



Gleditschia horrida.

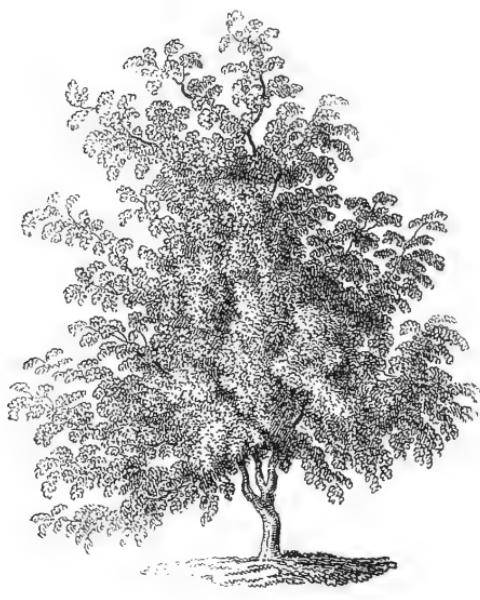
The horrid-spined Gleditschia, or Honey Locust.



Full-sized tree from Syon; 51 ft. high; trunk, 3 ft. diam.; diam. of the head, 54 ft.



Gleditschia japonica.
The Japan Gleditschia.

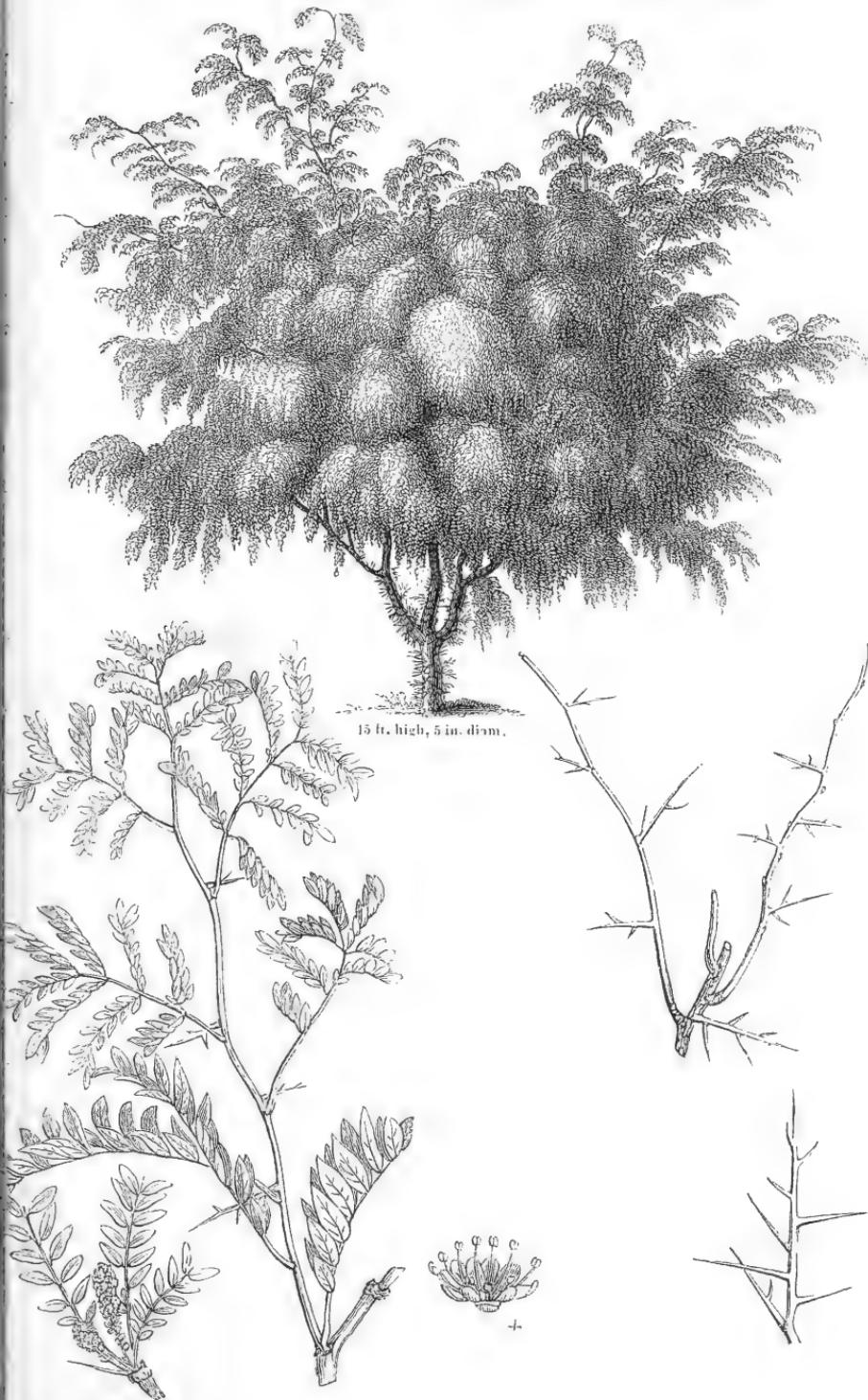


10 ft. high, 2½ in. diam.



Gleditschia horrida nana.

The dwarf horribly-spined Gleditschia, or Honey Locust.



Gleditschia horrida purpurea.

The purple horribly-spined Gleditschia, or Honey Locust.



12 ft. high, 2 in. diam.



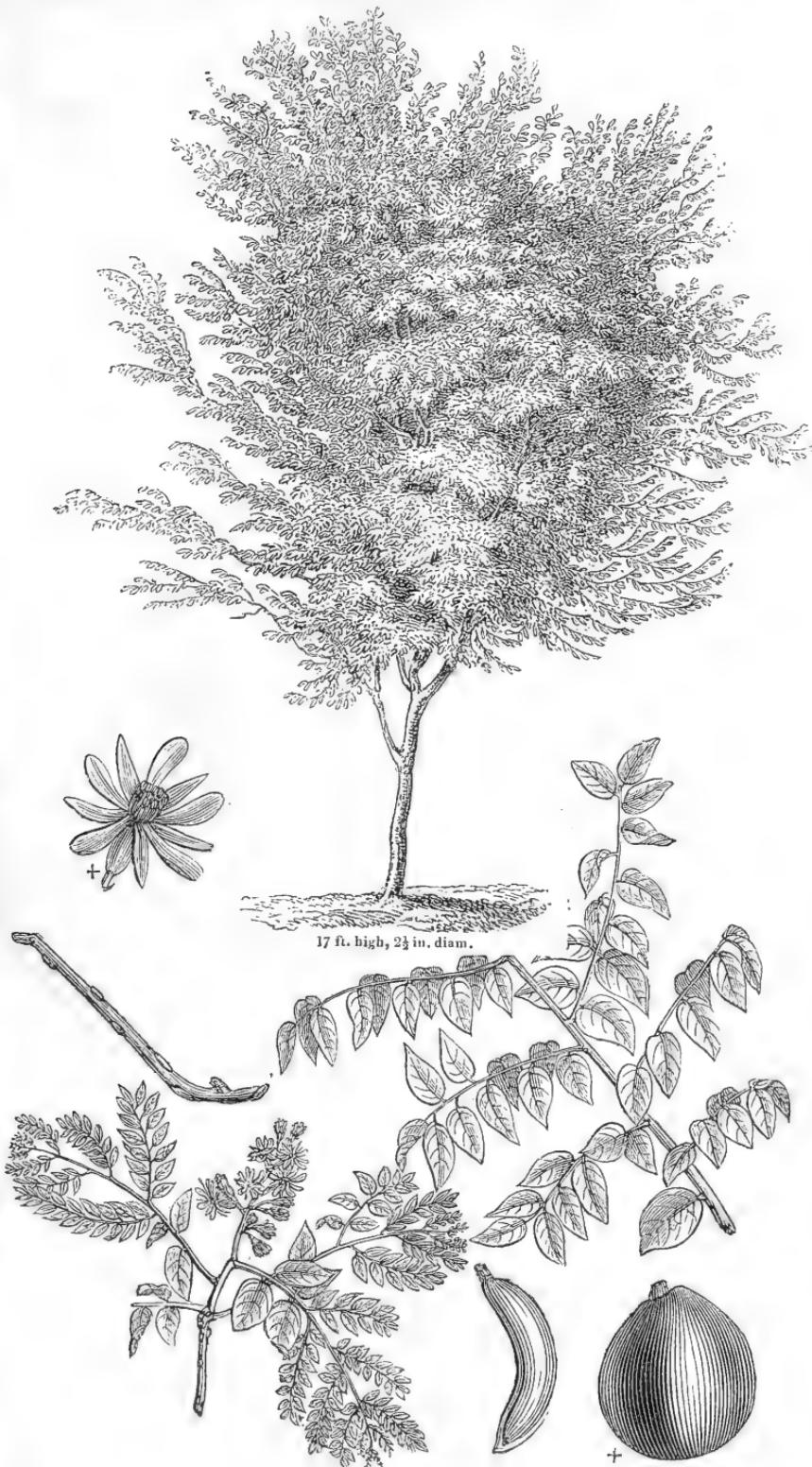
*Gleditschia macracantha.*The long-spined Gleditschia, or *Honey Locust*.

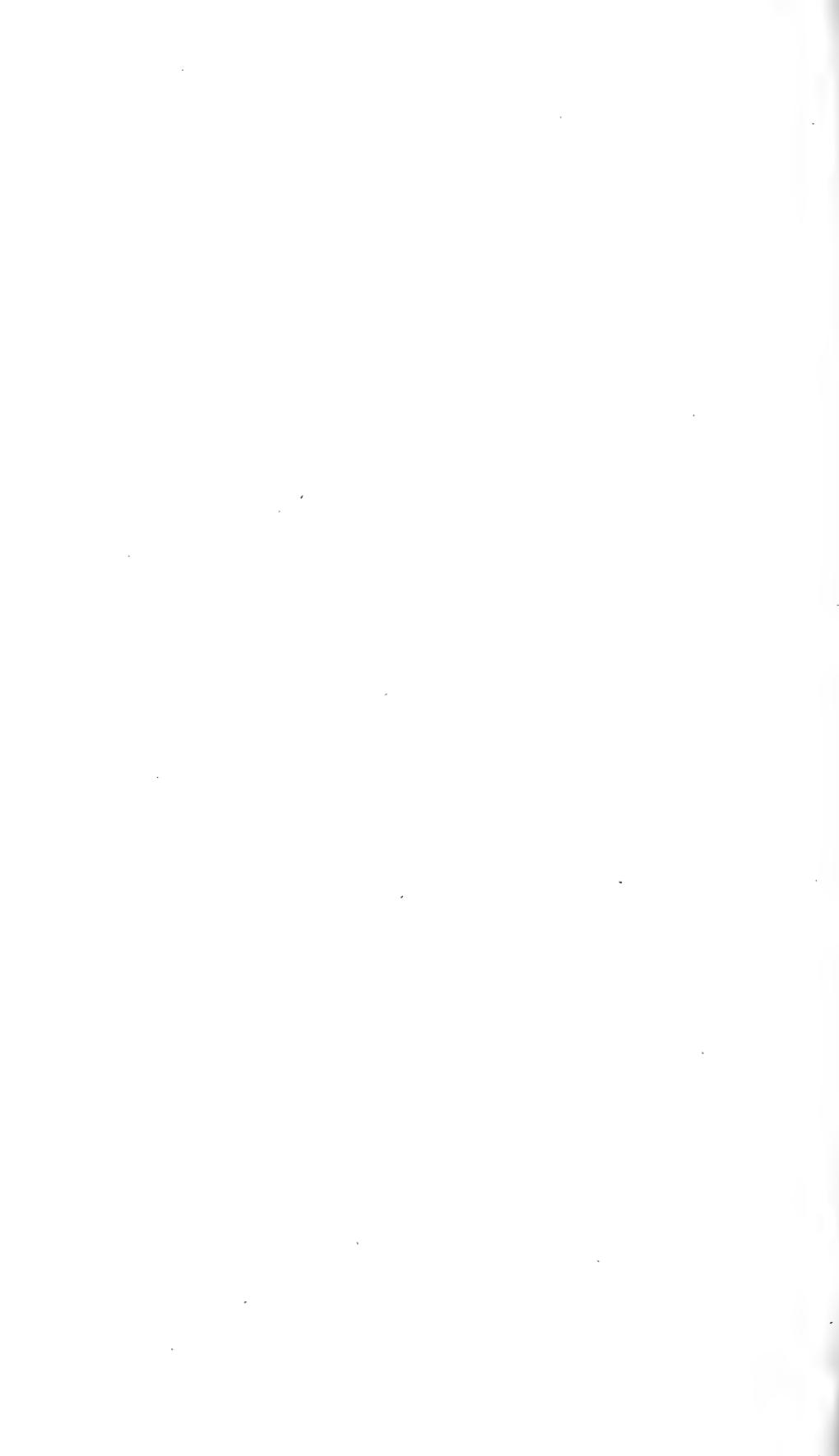
Full-grown tree at Sj on, 57 ft. high; diam. of the trunk, 3 ft.; and of the head, 63 ft.
[Scale 1 in. to 12 ft.]



Gymnócladus canadénsis.

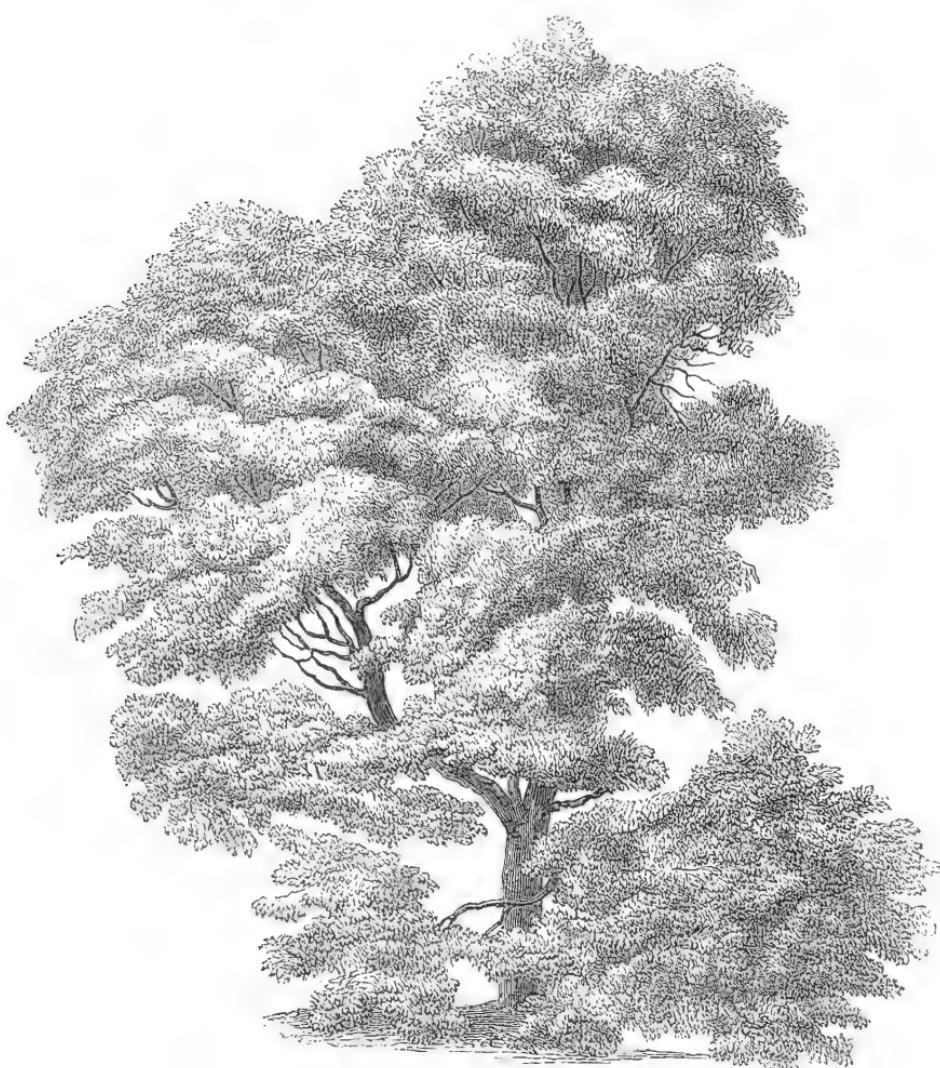
The Canadian Gymnocladus, or Kentucky Coffee tree.





Gymnócladus canadénsis.

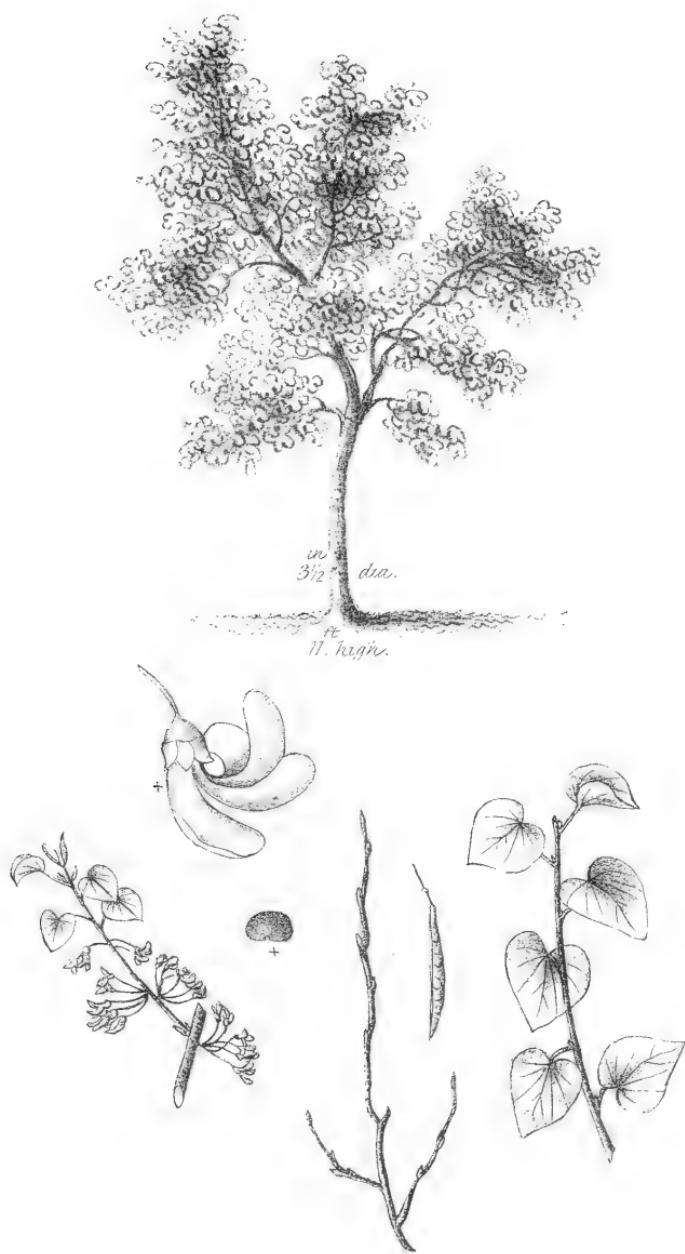
The Canadian Gymnocladus, or Kentucky Coffee tree.



Full-grown tree at Syon; 57 ft. high; diam. of the trunk, 3 ft.; and of the head, 47 ft.
[Scale 1 in. to 12 ft.]



XXV.A.
Cercis Siliquastrum.
The common Judas tree.



Cercis Siliquastrum.
The common Judas tree.

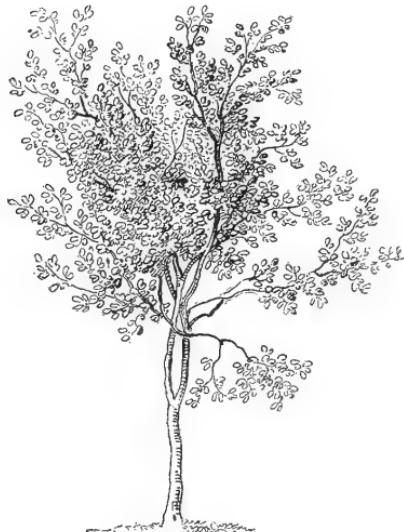


Fall grown tree at Syon, 24 ft. high; diam. of the trunk, 2 ft.; and of the head, 32 ft.
[Scale 1 in. to 12 ft.]

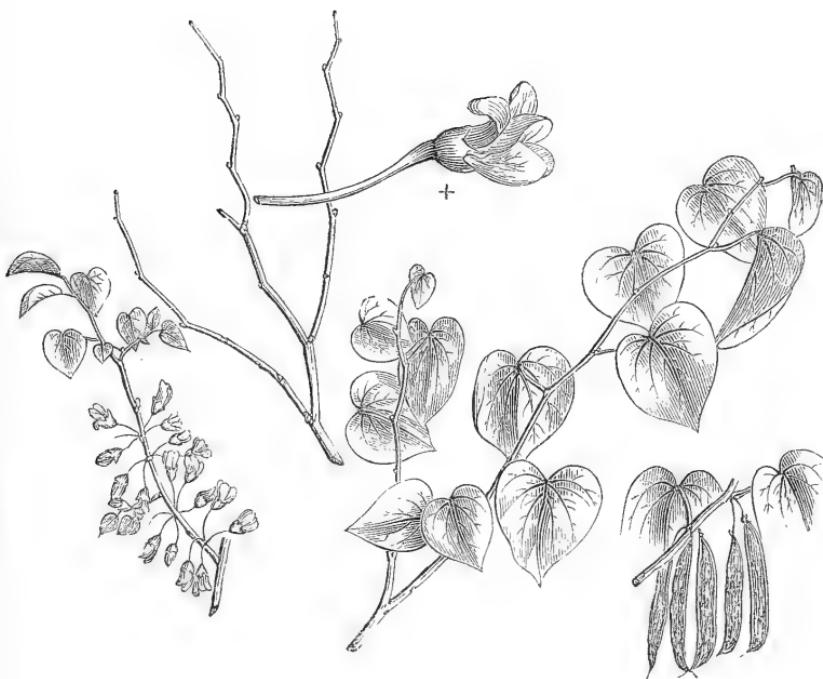


Cercis canadensis.

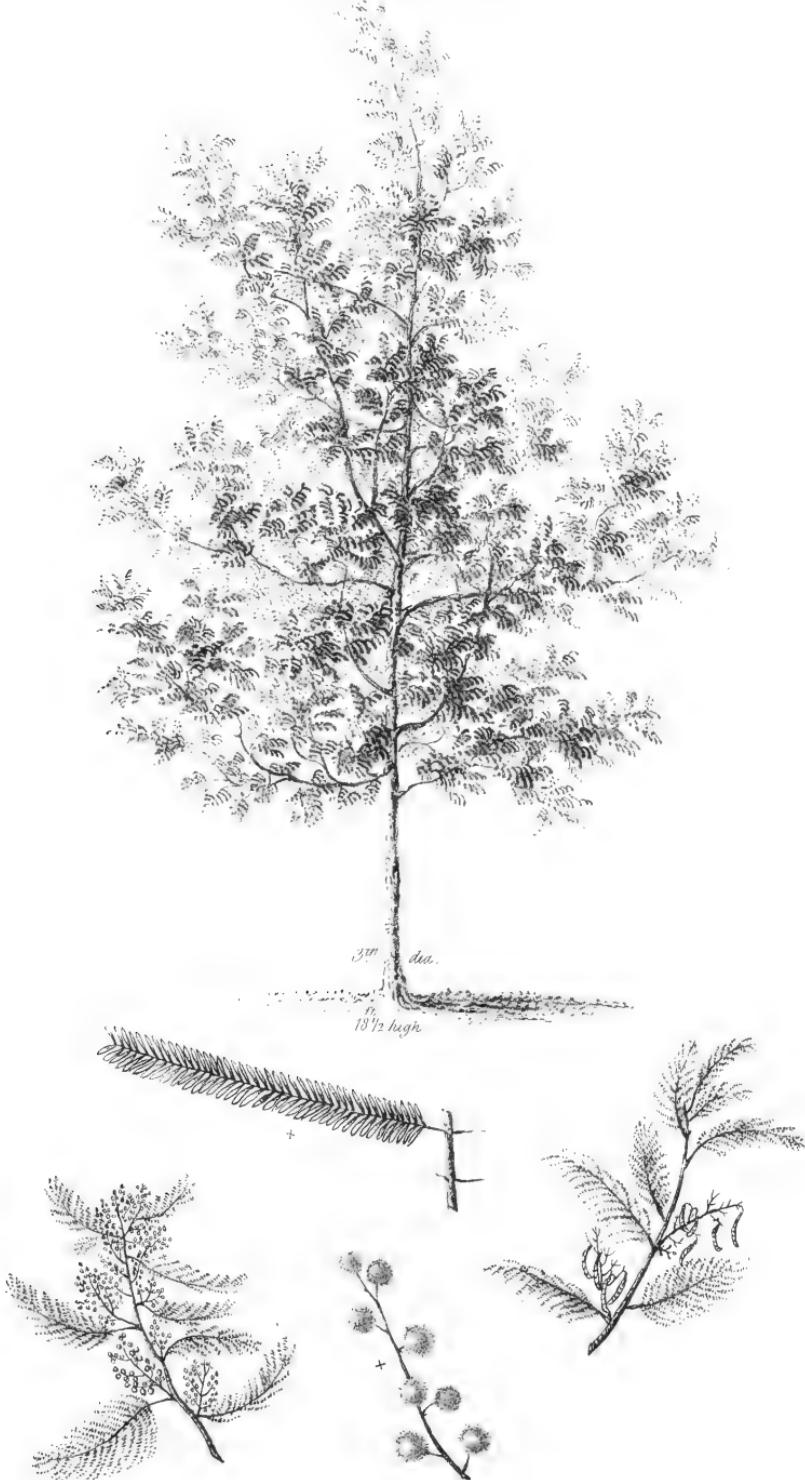
The Canadian Judas tree.



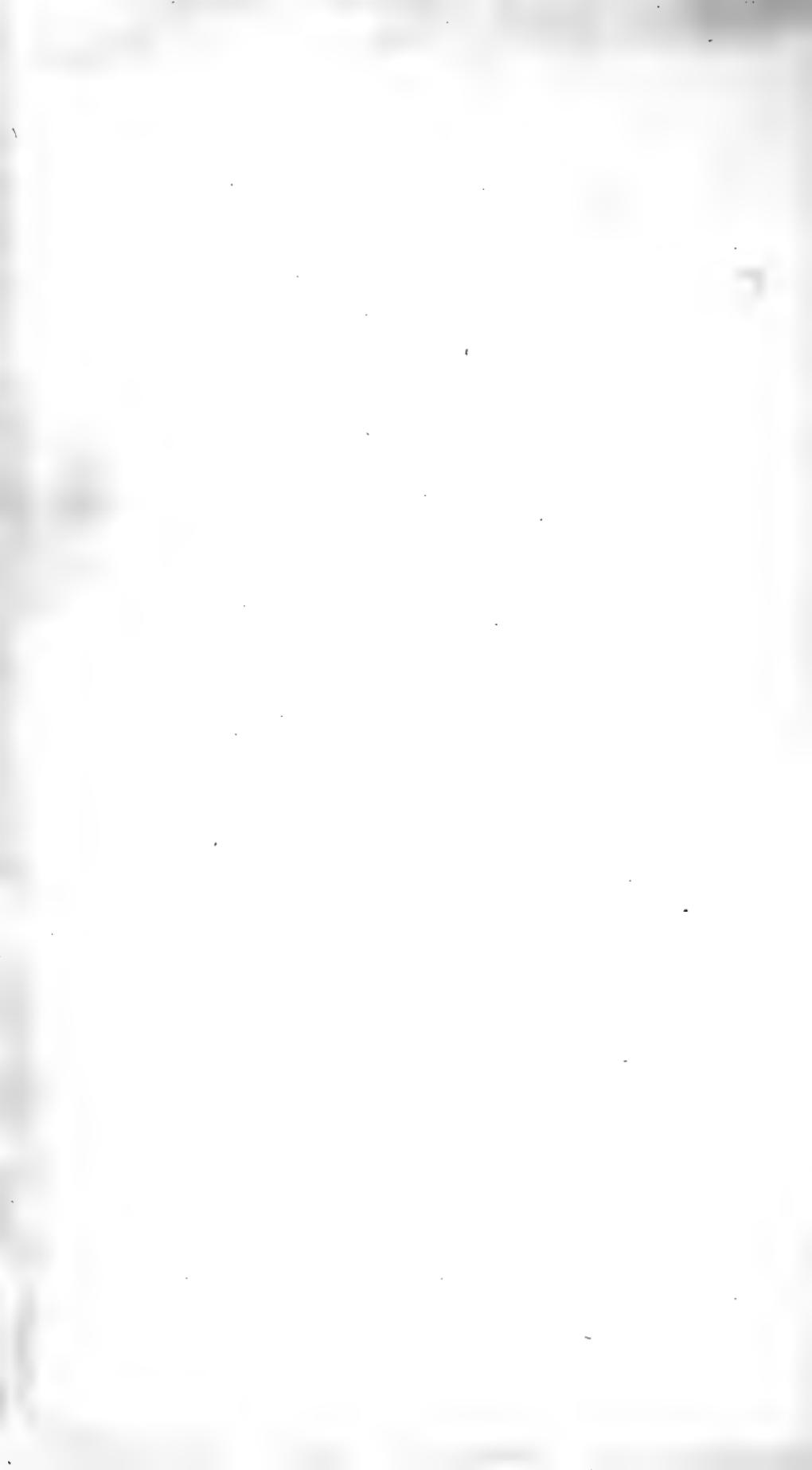
10 ft. high, 2 in. diam.

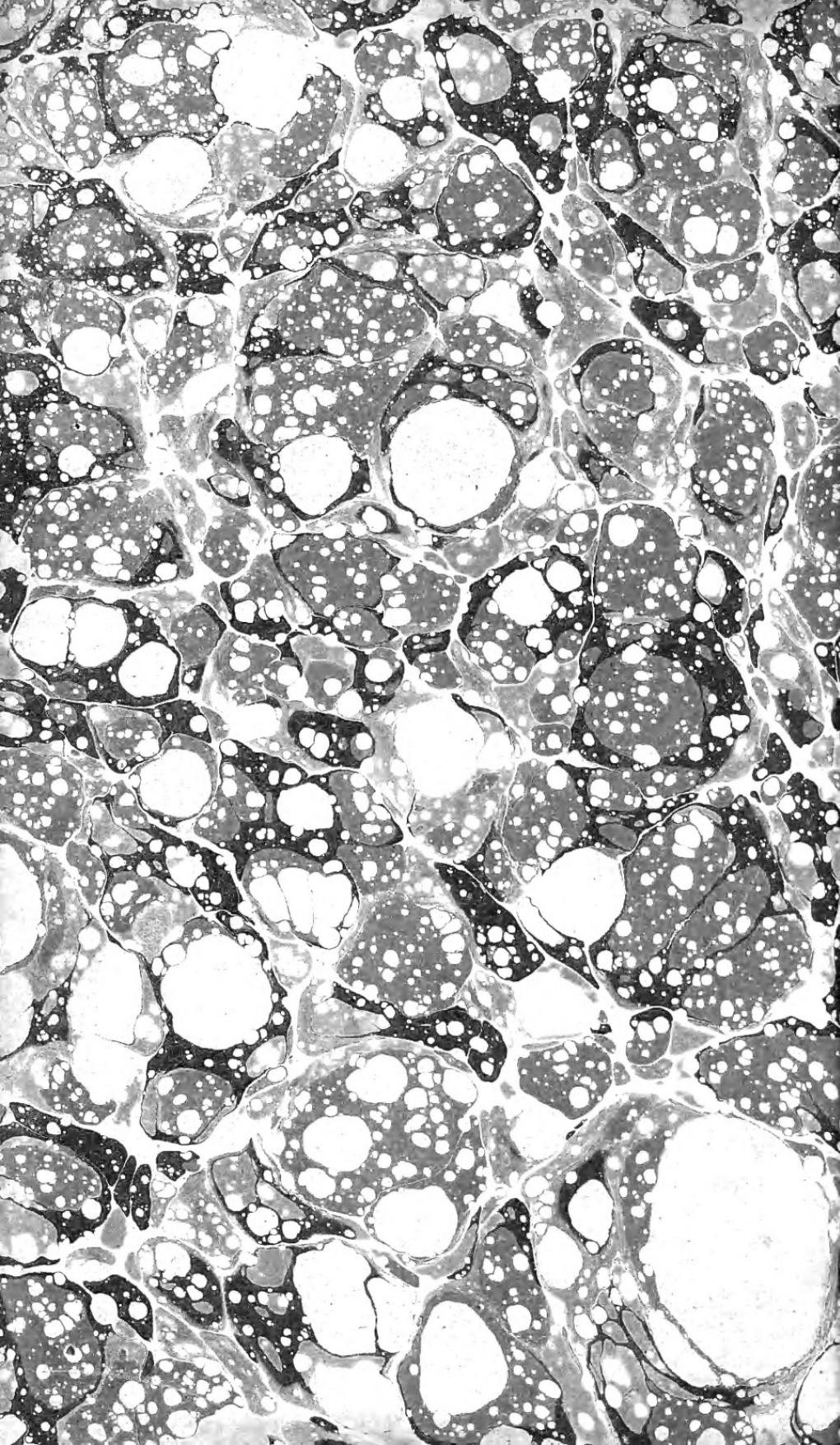


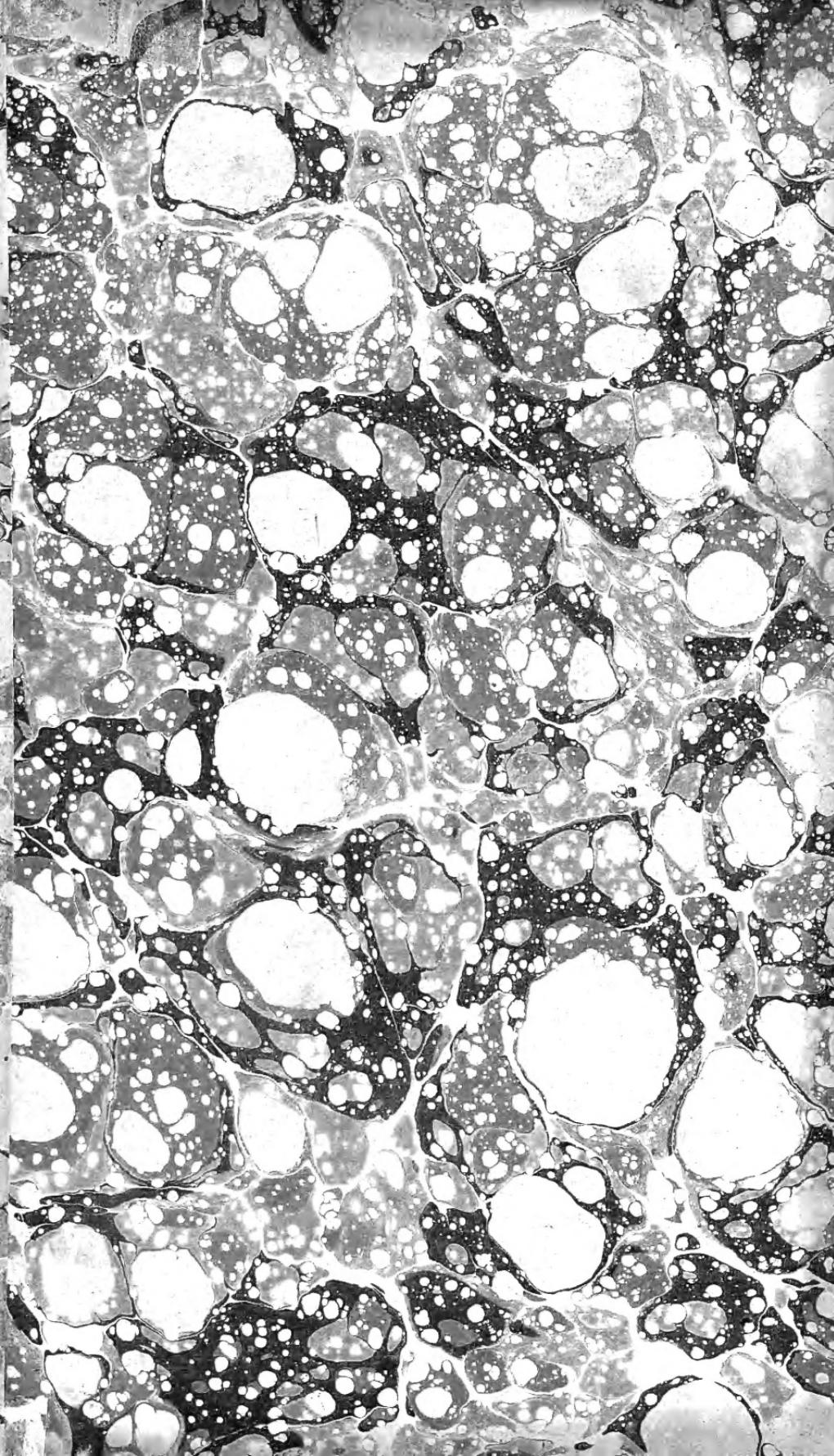
XXL.A.
Acacia dealbata.
The whitened Acacia.











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